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HINDCAST SPECT
WAVE MODEL CLI
NORTH PACIFIC O

MARCH 1985

PREPARED BY
NAVAL OCEANOGRAPHY COMMAND DETACHM

PREPARED UNDER
COMMANDER, NAVAL OCEANOGRAPHY
NSTL, MS 39529

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LIMATIC ATLAS:
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This pilot atlas introduces a new, numerically derived, historical data set in the form of a wind and wave climatology. Existing wave climatologies are primarily based on visual ship observations, these climatologies may be unreliable, particularly in data-sparse regions. This atlas provides the design, scientific and operational communities with a detailed representation of the overall wave climate of the whole North Pacific Ocean. Keywords.

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FOREWORD

Based upon previous atlas work prepared at the National Climatic Data Center for the Naval Oceanography Command Detachment, Asheville, it was recognized that there was a need for an objective climatology of the wave environment. An ad hoc committee of wave experts was established to pursue this idea.

The development of a Spectral Ocean Wave Model (SOWM) by Dr. Willard J. Pierson, Dr. Ledolf Baer, Dr. J. Tick, and Dr. R. Salfi, and the operational implementation of this model by Fleet Numerical Oceanography Center FLENUMOCEANCEN made it possible to attempt such a project. The SOWM was used to generate spectral wave data at FLENUMOCEANCEN using historical wind and pressure fields. The model was run in a hindcast mode, and produced 12.5 years of data for the North Pacific Ocean on which this atlas is based.

ACKNOWLEDGEMENT

This atlas was prepared for the Commander, Naval Oceanography Command and coordinated by the Naval Oceanography Command Detachment,

Asheville, North Carolina. Work was performed by the National Climatic Data Center.

Specific acknowledgement is made to members of the National Climatic Data Center: project leader, Mr. Thomas R. Karl; Mr. Ronald G. Baldwin for his computer programming; Messrs. Charles Thomason and William Brower for their isopleth analyses; Messrs. Joe D. Elms and Michael J. Changery for their suggestions and consultation; Mr. Michael Burgin and his assistants, Mr. John Thomas and Ms. Carolyn Herman, for their technical work; Ms. Laura K. Metcalf for her data processing assistance; and Mrs. Phyllis E. Taylor for the typing of the equations and to Mrs. Virginia Pressley for the final typing of the text.

Credit is also given to Ms. Susan Bales, and Mr. Gregory F. Neushaffer of the David Taylor Naval Ship Research and Development Center; Mr. Sheldon Lazanoff of Science Applications International, Inc.; LCDR A. K. Trapp and Mr. Brian Wallace of the Naval Oceanography Command Detachment, Asheville, for their comments and suggestions.

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INTRODUCTION

Existing wave climatologies are primarily based on visual ship observations. These climatologies may be unreliable, particularly in data-sparse regions. Shipborne wave recorders have provided reliable wave data for selected areas of the oceans, but a scarcity of these data remains. This atlas introduces a new, numerically derived, historical data set in the form of a wind and wave climatology. It is intended to provide the design, scientific and operational communities a more accurate representation of the overall wave climate of the North Pacific Ocean than is available from other sources.

BACKGROUND

In December 1974 the Fleet Numerical Oceanography Center FLENUMOCEANCEN in conjunction with the Naval Oceanographic Office (NAVOCEANO) adopted the Spectral Ocean Wave Model (SOWM) developed by Dr. Willard J. Pierson and others to produce operational spectral wave data for the Northern Hemisphere. The SOWM is a computer-based procedure that produces a directional variance spectrum at specified grid points spaced at up to 180 nautical mile intervals. This spectrum defines the sea surface at each grid point through a two-dimensional (direction/frequency) matrix of 12 directions and 15 frequency bands. Further information on the theoretical basis of the SOWM is contained in Appendix A.

At the Seakeeping Workshop in July 1975, the rationale and structure of a hindcast wind and wave climatology were developed. It was concluded at that time that the hindcast climatology be intended to provide a statistical basis for evaluating the effects of the environment.

A jointly funded project by the U. S. Navy, the National Oceanic and Atmospheric Administration (NOAA), and the Department of Defense in the 1960's and early 1970's had assembled a data base containing ship observations as far back as 1854. A major goal

of the effort was to produce a marine environmental history. In 1976, this new historical data base was combined with existing pressure analyses to produce a reanalysis of Northern Hemisphere sea-level pressure on a 63 x 63 grid at 00Z, 06Z, 12Z, and 18Z. The reanalysis was performed by Meteorology International, Inc. (MII) using a comprehensive technique for the objective analysis of scalar and vector fields called "Fields by Information Blending" (FIB) Mendenhall et al. (1977).

Once the pressure fields were produced, wind fields (speed and direction) were computed. Using these modeled winds, FLENUMOCEANCEN generated a spectral wave field, which was forwarded to the David Taylor Naval Ship Research and Development Center (DTNSRDC) for analysis. Appendix B provides further information on the FIB technique and on the generation of the wind fields.

In order to summarize a set of spectra, it is often useful to generalize the most significant characteristics. DTNSRDC, with Operations Research, Inc. (ORI), developed computer programs to derive a number of numerical parameters from the spectral wave data. The National Climatic Data Center (NCDC) used many of the concepts from these programs and others written by FLENUMOCEANCEN to devise a parameterization routine which was used for this atlas.

OVERVIEW

I. PARAMETERS

This atlas contains climatological summaries for seven parameters. Four of these parameters have already been summarized in other climatic atlases (U. S. Navy, 1977). These include wind speed and direction, significant wave height (hereafter referred to as the wave height), and wave direction, i.e., the direction from which the highest waves are moving (hereafter referred to as primary wave direction). The other three parameters contained in the wave climate summaries for this atlas are: wave slope parameter, modal wave period, and directionality of the waves (hereafter referred to as the directionality). These three parameters have not appeared in previous U. S. Navy climatological atlases, because they cannot be directly derived from visual observations. However, they can be very important operating considerations. Appendix C provides a complete description of all seven parameters. A brief description of the wave slope parameter, modal wave period, and directionality follows.

The wave slope of a regular wave is defined as the ratio of wave height to wave length. It is not normally reported, but it can be obtained from the output of the SOWM or from the frequency spectrum of a wave record. Ship rolling and hence stability is affected by the wave slopes of the higher waves encountered. The wave slope parameter is directly related to the wave slope. Therefore, the higher the wave slope parameter, the higher the wave slope. Table C3 in Appendix C relates the wave slope parameter to values of the wave slope at a fixed point. Steep waves are usually associated with wave slope parameters of 0.10 or more, while values of less than 0.05 are usually associated with more moderate conditions.

The modal wave period is defined in terms of the frequency spectrum. It is the period associated with the maximum wave energy in the wave spectrum. Modal wave periods associated with wave lengths about 0.75 and 1.25 ship lengths (depending on ship course and speed) can cause resonance pitching and heaving. The modal wave period is not necessarily equal to the wave period associated with the higher of the two waves, the sea or the swell as summarized in the past U. S. Navy climatologies (U. S. Navy, 1977).

The directionality is a measure of the uniformity of the direction of movement of the waves. If the waves are all moving in a uniform direction then the directionality is equal to one. When there is no preferred direction of wave movement (a completely confused sea state) the directionality takes on the value of 0. Obviously, ship response and maneuverability can be affected by the directional spread of the wave energy.

II. DATA

Data in this atlas are derived using winds and waves from the period September 1964 to February 1977, i.e. 12.5 years. Computer processing difficulties during the generation of the SOWM hindcast data caused the number of hindcasts to vary among grid points. As a result, approximately 1% of all the data were lost during the 12.5-year hindcast period, 1964-1977. This small percentage is unlikely to have any significant effect on the analyses.

The first 9.5 years of wind fields were derived by using the historical sea-level pressure analysis as derived from the FIB technique. The last three years of wind fields were obtained from the initial operational wind fields generated by FLENUMOCEANCEN (Lazanoff, 1981). Appendix B contains further details.

ISOPLETH ANALYSES

Isopleth analyses were completed for various thresholds for the percent frequency of wind speed, wave height, and the wave slope parameter. These analyses were based on nearly 250 grid points, 63 of which are also used in tabular presentations. All points are depicted on the North Pacific Ocean map (Fig. 1). The 63 grid points also used in tabular summaries are listed in Table 1.

Isopleth analyses are not shown in areas of shallow water (< 100 fathoms). The gray line in Fig. 1 is in fact the 100 fathom isobath. In the Bering Sea this boundary roughly coincides with the mean position of the late winter and early spring ice edge. In some years the ice edge will be south of this position (Naval Oceanographic Office, 1969) so caution should be used in interpreting wave conditions in the vicinity of the 100 fathom isobath, particularly during late winter and early spring.

CONTINGENCY TABLES

Contingency tables for 63 grid points are presented for the following elements:

(1) Wind direction and speed;

(2) Wave height and wind speed;

(3) Wave height and wave slope parameter;

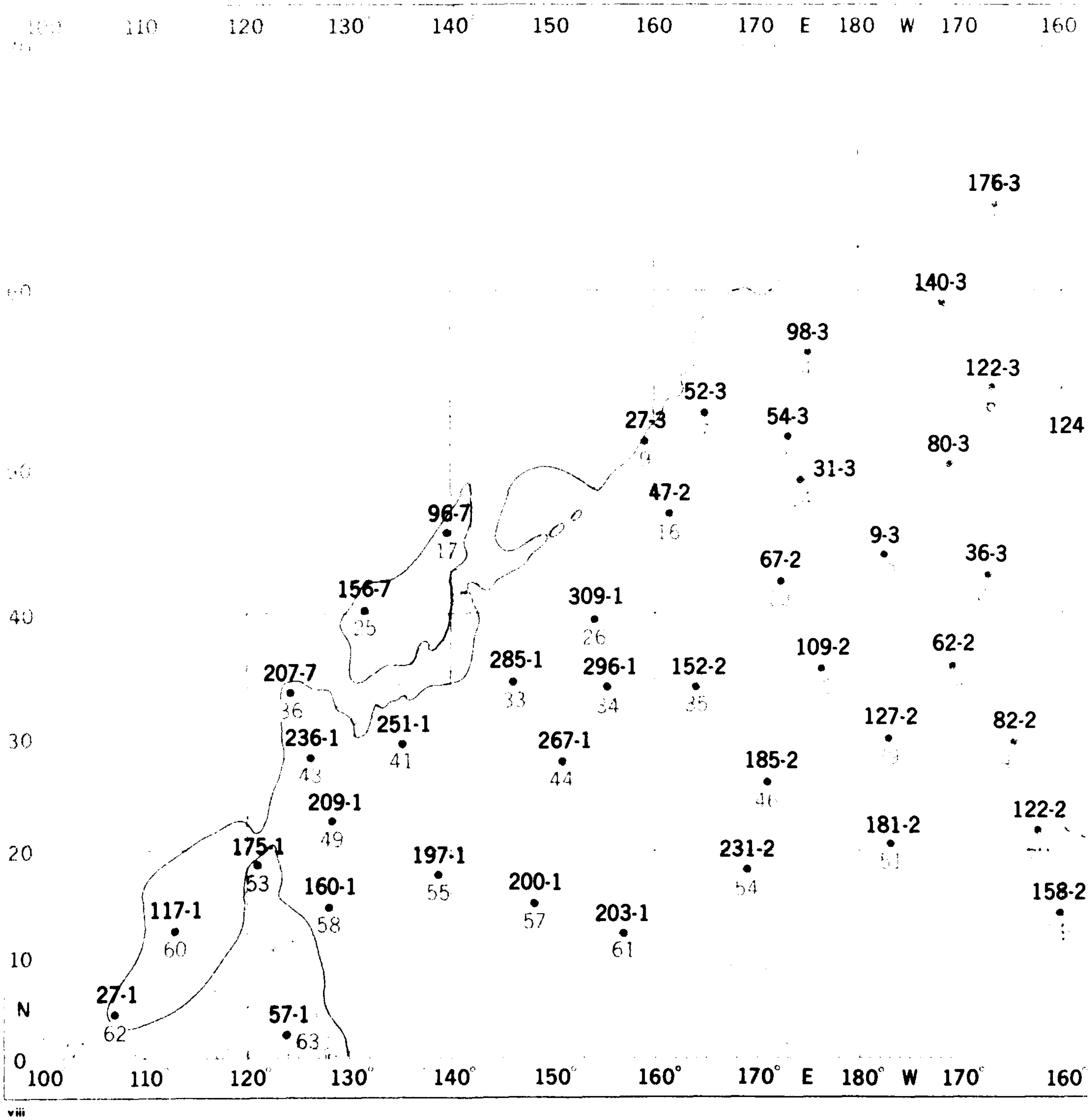
(4) Wave height and period;

(5) Wave height and directionality;

(6) Wave height and primary wave direction;

(7) Primary wave direction and wind direction.

Fig. 1 GRID POINT-SUBPROJECTION AND SEQUENCI



AND SEQUENCE NUMBERS

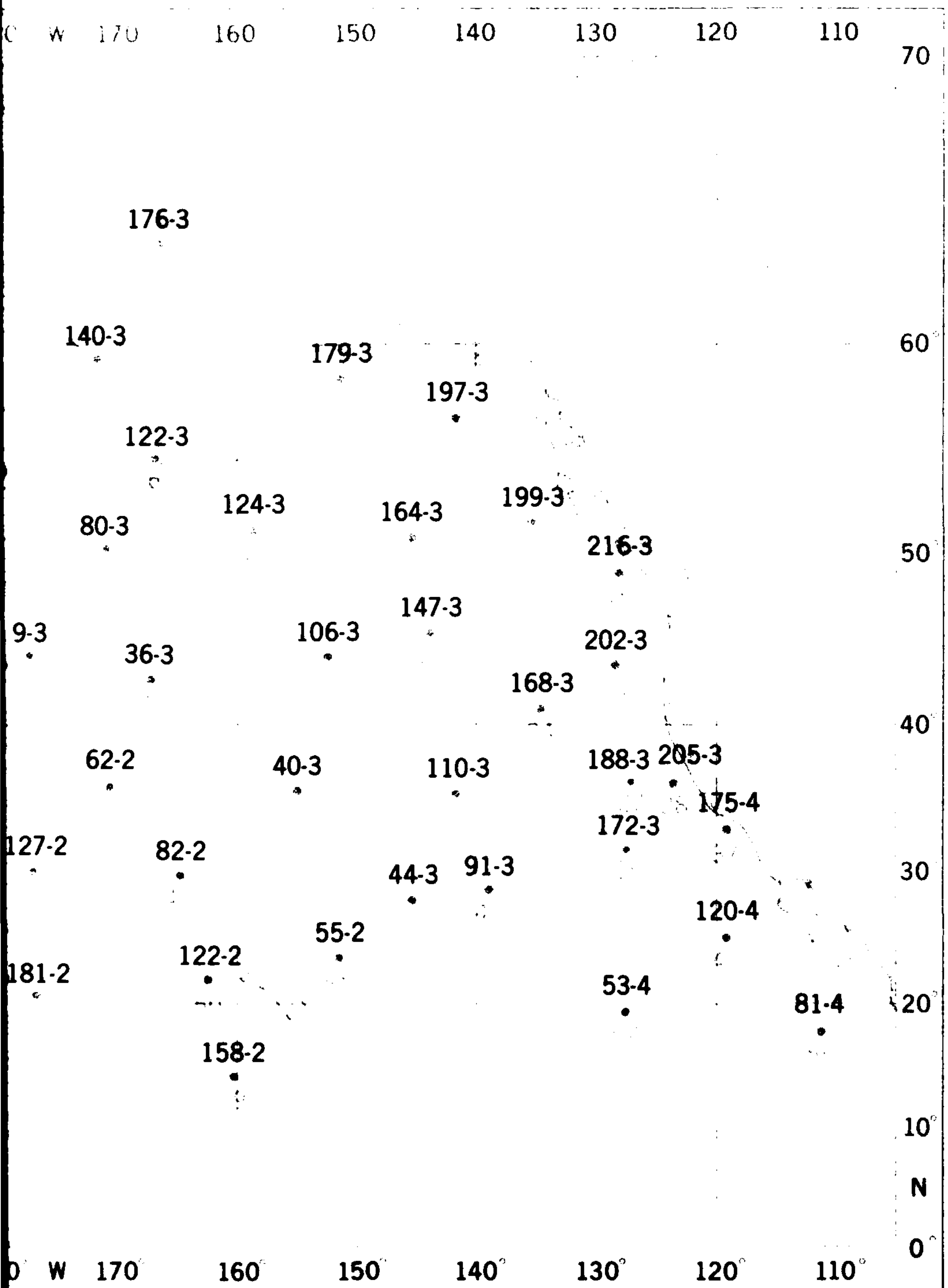


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TABLE 1

GRID POINTS INCLUDED IN TABULAR SUMMARIES

SEQUENCE #	GRID POINT SUBPROJECTION	LATITUDE	LONGITUDE
1	176 – 3	64.0 N	166.7 W
2	140 – 3	59.4 N	172.0 W
3	179 – 3	58.5 N	151.6 W
4	98 – 3	56.8 N	174.8 E
5	197 – 3	56.8 N	141.9 W
6	122 – 3	54.9 N	167.1 W
7	52 – 3	53.4 N	164.7 E
8	54 – 3	52.0 N	172.9 E
9	27 – 3	51.7 N	158.8 E
10	199 – 3	51.7 N	135.6 W
11	124 – 3	51.3 N	158.8 W
12	164 – 3	50.9 N	145.6 W
13	80 – 3	50.3 N	171.3 W
14	31 – 3	49.3 N	174.1 E
15	216 – 3	49.0 N	128.4 W
16	47 – 2	47.1 N	161.2 E
17	96 – 7	45.8 N	139.3 E
18	147 – 3	45.6 N	144.2 W
19	9 – 3	44.3 N	177.7 W
20	106 – 3	44.2 N	152.7 W
21	202 – 3	43.7 N	128.7 W
22	36 – 3	42.8 N	167.5 W
23	67 – 2	42.4 N	172.1 E
24	168 – 3	41.0 N	134.9 W
25	156 – 7	40.2 N	131.2 E
26	309 – 1	39.5 N	153.8 E
27	188 – 3	36.2 N	127.4 W
28	205 – 3	36.1 N	123.8 W
29	62 – 2	35.9 N	171.0 W
30	109 – 2	35.7 N	176.1 E
31	40 – 3	35.6 N	155.2 W
32	110 – 3	35.4 N	142.0 W

SEQUENCE #	GRID POINT SUBPROJECTION	LATITUDE	LONGITUDE
33	285 – 1	34.6 N	145.9 E
34	296 – 1	34.2 N	155.1 E
35	152 – 2	34.2 N	163.8 E
36	207 – 7	33.7 N	123.9 E
37	175 – 4	32.9 N	119.4 W
38	172 – 3	31.5 N	127.7 W
39	127 – 2	29.9 N	177.3 W
40	82 – 2	29.6 N	165.0 W
41	251 – 1	29.4 N	134.9 E
42	91 – 3	28.6 N	139.2 W
43	236 – 1	28.2 N	125.9 E
44	267 – 1	27.9 N	150.7 E
45	44 – 3	27. 8 N	145.6 W
46	185 – 2	26.1 N	170.8 E
47	120 – 4	25.0 N	119.4 W
48	55 – 2	23.5 N	151.8 W
49	209 – 1	22.6 N	128.0 E
50	122 – 2	21.7 N	162.7 W
51	181 – 2	20.5 N	177.1 W
52	53 – 4	19.2 N	127.8 W
53	175 – 1	18.5 N	120.7 E
54	231 – 2	18.2 N	168.8 E
55	197 – 1	17.6 N	138.5 E
56	81 – 4	17.6 N	111.5 W
57	200 – 1	14.9 N	147.9 E
58	160 – 1	14.5 N	127.7 E
59	158 – 2	14.0 N	160.6 W
60	117 – 1	12.2 N	112.6 E
61	203 – 1	12.0 N	156.7 E
62	27 – 1	4.1 N	106.7 E
63	57 – 1	2.1 N	123.6 E

The values in these tables are percent frequencies rounded to the nearest whole percent. Values less than 0.5% but greater than 0% are depicted by a '+'.

The left side of each contingency table has a percentage scale for the bar graphs associated with the categories indicated along the bottom of the table. The height of the bar graphs was determined by adding the values within each column. Similarly, the percent frequencies in the column denoted by a 'T' (total) were obtained by summing the percent frequencies across each row. Rounding may cause minor differences between printed totals and total cell counts. By adding down or up the 'T' column or across the bar graphs at the bottom of the table, it is possible to obtain the cumulative percent frequency of a parameter below or above some specified threshold value.

In the following four contingency tables: wind direction and speed, wave height and wind speed, wave height and wave slope, and wave height and directionality the mean value of one of the two parameters associated with each contingency table is displayed just above the upper left corner. The number of hindcasts that was available for all seven tables is also shown at the top of each table. When SOWM hindcast data were not retained due to insufficient wave energy, all parameters were assumed to be zero including the wind speed and direction. Wind speeds were rounded to the nearest whole knot before tabulating the frequency statistics. Directions are those from which the wind or wave is coming. Detailed instructions describing how to read each of the various types of contingency tables are contained in the 'Legends for Tables'. Some potential uses for the contingency tables are demonstrated in Appendix D.

DURATION AND INTERVAL TABLES

Duration and Interval Tables were prepared for:

(1) Wind speed;

(2) Significant wave height;

(3) Wave slope parameter.

The tables contain objective compilations for 63 grid points on a seasonal basis, and also without regard to season (All Data). Since grid points may be representative of relatively small geographical areas surrounding the points, interpolation may be necessary if data are required for areas between grid points.

Episodes of durations (continuous hours or days) of events and episodes of intervals (continuous hours or days) between events were tallied for various thresholds. These tables give an indication of how long an episode is likely to last once it has begun. For convenience, the time an episode persisted above a given threshold is arbitrarily referred to as a "duration" of the event. The times in between episodes have been termed "intervals." Data have been summarized on a seasonal basis as opposed to monthly summaries. This was deemed most appropriate because even with 12.5 years of hindcast data the embedded missing data makes the sample too small to provide representative durations and intervals for long episodes of wind and wave conditions. The winter season consisted of months January through March, spring - April through June, summer - July through September, and autumn - October through December, (World Meteorological Organization, 1981). Additional information on the construction and use of the duration and interval tables, including examples of their applications, is included in Appendix E and in the 'Legends for Tables.'

III. COMPARISON OF THE SOWM CLIMATOLOGY WITH OTHER WAVE CLIMATOLOGIES

Undoubtedly, the SOWM hindcast climatology as presented in this atlas, varies in its strengths and weaknesses from location to location and even from parameter to parameter. In the absence of a substantial quantity of measured wave spectra across the North Pacific Ocean, a strict verification of the SOWM hindcast climatology is not possible. Nonetheless, some cogent information can be derived regarding the representativeness of the SOWM climatology via comparisons with other wind and wave climatologies. Appendix F contains some comparisons of the SOWM climatology with wave climatologies derived from other sources.

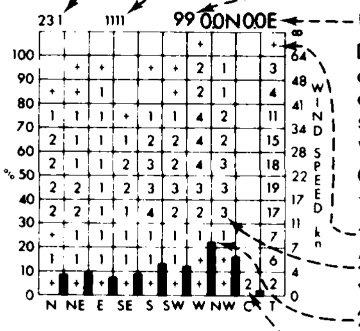
Users of this atlas are cautioned that the validity of the winds and waves near the equator (south of 10° to 15° N) is questionable. This is due to a combination of an inadequate wind field in these areas, and the artificial treatment in the hindcast model of the South Pacific Ocean as land. More details are given in Appendix A and B.

These comparisons indicate that some disagreements exist between data sources. The user should be aware of these differences when making decisions based on the North Pacific SOWM Atlas or other wave climatologies. Overall, this atlas should prove to be a highly useful product especially when used in conjunction with other wave climatologies. It provides extensive wave data on a basin wide scale, including details which cannot be inferred from the only other basin wide data set available, the 1977 U. S. Navy North Pacific Marine Climatic Atlas. User feedback concerning the North Pacific SOWM atlas data accuracy, utility, or format is solicited. Please address your comments to the Officer in Charge; Naval Oceanography Command Detachment; Federal Building, Asheville, NC 28801-2696.

LEGENDS FOR TABLES

WIND DIRECTION AND SPEED

Scalar mean speed (kn).
Number of hindcasts.
Sequence number.
LATITUDE AND LONGITUDE



Direction frequency (left scale): Bars are percentages for each wind direction. Speed frequency (right scale). Numbers are percentages of wind speed by direction.

C = Calm wind. T = Total.
+ Means >0 but <0.5%.

<0.5% Of the winds were ≥64 kn.

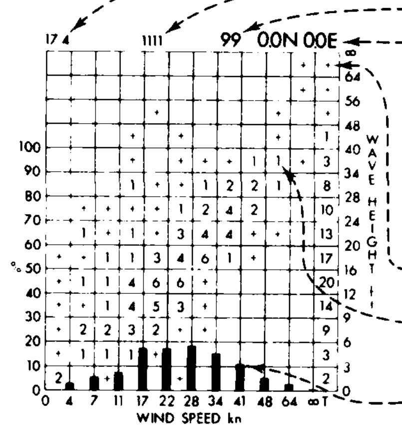
3% Of the winds were from the NW with speeds ≥11 kn. and <17 kn.

22% Of the winds were from the west.

2% Of the winds were calm.

WAVE HEIGHT AND WIND SPEED

Mean wave height (ft).
Number of hindcasts.
Sequence number.
LATITUDE AND LONGITUDE



Wind speed frequency (left scale): Bars are percentages for each wind speed category. Wave height frequency (right scale): Numbers are percentages of wave height for various wind speeds. T = Total.
+ Means >0 but <0.5%.

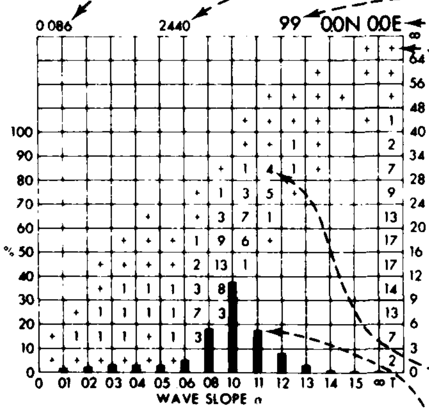
<0.5% Of the wave heights were ≥64 ft. (19.5m).

1% Of the winds were ≥48 kn. but <64 kn. with wave heights ≥34 ft. (10.4m) but <40 ft. (12.2m).

11% Of the wind speeds were ≥34 kn. but <41 kn.

WAVE HEIGHT AND WAVE SLOPE α

Mean wave slope α.
Number of hindcasts.
Sequence number.
Latitude and longitude



Wave slope α frequency (left scale): Bars are percentages for each wave slope category. Wave height frequency (right scale): Numbers are percentages of wave height vs. wave slope α.
T = Total. + Means >0 but <0.5%.

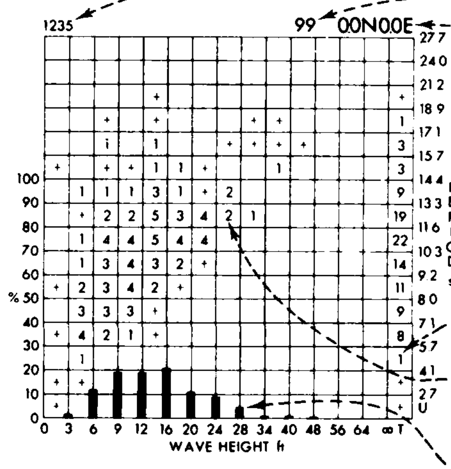
<0.5% Of the wave heights were ≥64 ft. (19.5m).

4% Of the wave slopes (α) were ≥.11 but <.12 with wave heights ≥28 ft. (8.5m) but <34 ft. (10.4m).

17% Of the wave slopes (α) were ≥.10 but <.11.

WAVE HEIGHT AND MODAL WAVE PERIOD

Number of hindcasts.
Sequence number.
Latitude and longitude



Wave height frequency (left scale): Bars are percentages for each wave height category. Period frequency (right scale): Numbers are percentages of wave height vs. period.
T = Total. U = Undefined.
+ Means >0 but <0.5%.

1% Of the wave periods were ≥4.1 s. but <5.7 s.

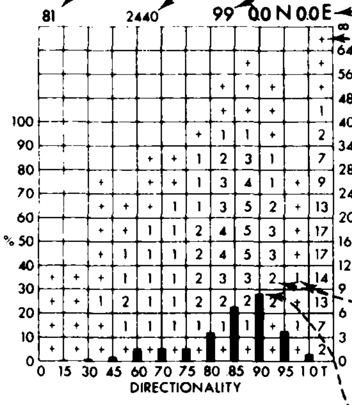
2% Of the wave heights were ≥24 ft. (7.3m) but <28 ft. (8.5m) with periods ≥11.6 s. but <13.3 s.

4% Of the wave heights were ≥24 ft. (7.3m) but <28 ft. (8.5m).

feet	0	3	6	9	12	16	20	24	28	34	40	48	56	64
meters	0	0.9	1.8	2.7	3.7	4.9	6.1	7.3	8.5	10.4	12.2	14.6	17.1	19.5

LEGENDS FOR TABLES

WAVE HEIGHT AND DIRECTIONALITY



–Mean directionality

–Number of hindcasts.

–Sequence number

–Latitude and longitude

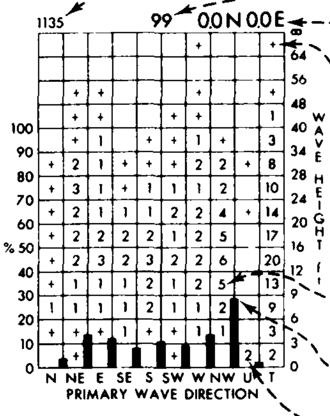
Directionality frequency (left scale): Bars are percentages for each directionality category. Wave height frequency (right scale): Numbers are percentages of directionality values vs. wave height. T = Total. + Means >0 but <0.5%.

–<0.5% Of the wave heights were ≥64 ft. (19.5m).

–1% Of the directionality values were ≥.95 but ≤1.00 with wave heights ≥9 ft. (2.7m) but <12 ft. (3.7m) and 2% of the directionality values were ≥.90 but <.95.

–28% Of the directionality values were ≥.85 but <.90.

WAVE HEIGHT AND PRIMARY WAVE DIRECTION



–Number of hindcasts.

–Sequence number.

–Latitude and longitude

Wave direction frequency (left scale): Bars are percentages for each primary wave direction. Wave height frequency (right scale): Numbers are percentages of wave height vs. primary wave direction. T = Total. U = Undefined. + Means >0 but <0.5%.

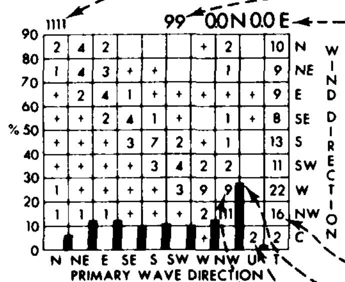
–<0.5% Of the wave heights were ≥64 ft. (19.5m).

–5% Of the primary wave directions were NW with wave heights ≥9 ft. (2.7m) but <12 ft. (3.7m).

–28% Of the primary wave directions were NW.

–2% Of the primary wave directions were undefined with wave heights ≥0 ft. (0m) but <3 ft. (0.9m).

PRIMARY WAVE DIRECTION AND WIND DIRECTION



–Number of hindcasts.

–Sequence number.

–Latitude and longitude

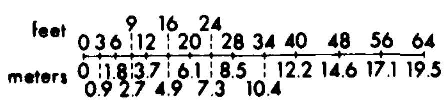
Wave direction frequency (left scale): Bars are percentages for each primary wave direction. Wind direction frequency (right scale): Numbers are percentages wind direction vs. primary wave direction. U = Undefined. C = Calm wind. T = Total. + Means >0 but <0.5%.

–16% Of the winds were NW.

–27% Of the primary wave directions were NW.

–2% Of the primary wave directions were undefined with calm winds.

–9% Of the primary wave directions were NW with W winds.



LEGENDS FOR TABLES

WIND SPEED DURATIONS- SEASONAL

SEQUENCE NUMBER — LATITUDE AND LONGITUDE

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T#	TH
≥64																					1235
≥48	3	1	1														18-1	5	9	9	1235
≥41	13	3	3	2													30-2	21	38	38	1235
≥34	12	10	9	2	1	3	1	1									48-1	39	105	105	1235
≥28	25	20	15	3	7	3	1	1	2	1							78-1	79	231	236	1235
≥22	20	12	25	12	6	5	4	4	3	4	1		1		2	2	96-2	101	440	449	1250
≥17	16	13	19	15	9	6	7	3	5	1	6	4	1		4	5	144-1	114	656	670	1258
≥11	6	10	10	8	14	8	5	4	5	7	2	4	4	2	3	15	354-1	107	945	959	1269
≥7	7	1	6	3	2	5	3	2	4	3	6	3	2	1	3	26	SEA-2	77	1078	1153	1273
≥4	3				2	3	1			1	3	3				25	SEA-2	41	1336	1443	1483

HOURS DURATION OF EVENTS

1 Event with wind speeds ≥7 kn. persisted 12 hours; 26 events persisted ≥96 hours.

The longest event with wind speeds ≥7 kn. persisted for 1 month or more and it occurred 2 times.
The longest event with wind speeds ≥48 kn. persisted 18 hours and it occurred 1 time.

41 Events had wind speeds ≥4 kn. which comprised a total of 1,336 hindcasts.

1,483 Hindcasts were examined, and 1,443 had wind speeds ≥4 kn.

Durations for a particular season extend from the time the event begins (or the first day of the season if already in progress), and terminate when the event ends. Events become undefined if missing data is encountered. Durations lasting a season or more are categorized together. Durations may persist into the next season.

WIND SPEED INTERVALS - SEASONAL

SEQUENCE NUMBER — LATITUDE AND

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TI	T
≥64																9	SEA-9	9	1116
≥48							1				1		1			11	SEA-10	14	1298
≥41	1	1			1	2		1	2	1	1	1		1		18	SEA-6	30	1530
≥34	3	2		1	1	3	1	4	1	3	1		2		3	22	690-1	47	1414
≥28	8	10	4	5	9	4	3	4	2	2	3	2	1	1	3	27	384-1	88	1122
≥22	10	14	11	13	7	10	6	6	7			1	2	2	4	13	324-1	106	854
≥17	14	18	18	16	10	6	5	7	3	2	2	3	1	2	2	4	240-1	113	617
≥11	23	27	17	22	6	5	1		1							1	108-1	103	310
≥7	36	21	5	4	1	1											36-1	68	120
≥4	25	6	1														18-1	32	40

HOURS INTERVAL BETWEEN EVENTS

There were 18 12-hour intervals between events of wind spe
≥17 kn.; 4 intervals persisted 96 hours or more.

The longest interval between events of wind speeds ≥7 kn.
was 36 hours and it occurred 1 time.
The longest interval between events of wind speeds ≥64 kn.
1 month or more and it occurred 9 times.

There were 32 intervals between events of wind speeds ≥4 k
which comprised a total of 40 hindcasts.

1,235 Hindcasts were examined, and 40 had wind speeds <4

Intervals for a particular season extend from the time the even
(or the first day of the season the event is not in progress), a
nate when the event begins. Intervals become undefined if m
data is encountered. Intervals lasting a season or more are
categorized together. Intervals may persist into the next seas

WAVE HEIGHT INTERVALS - SEASONAL

SEQUENCE NUMBER — LATITUDE AND LONGITUDE

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TI	T	T#	TH
≥64																9	SEA-9	9	1116	1235	1235
≥56																9	SEA-9	9	1116	1235	1235
≥48																9	SEA-9	9	1116	1235	1235
≥40													1			9	SEA-9	10	1129	1248	1249
≥34		1										1				12	SEA-10	14	1323	1355	1367
≥28		1									2					14	SEA-10	18	1512	1537	1563
≥24	1	1	1		1	3	1		2	2				1		17	SEA-6	29	1454	1475	1549
≥20	2	2	5	3	1	1	2	1	1	2		1	1		1	21	SEA-1	45	1376	1395	1575
≥16	5	7	4	4	1	1	1	1	1	2	2		1		1	24	690-1	55	1071	1083	1406
≥12	18	11	3	3	1	3	4	1	5	4	2			2	5	12	309-1	74	675	675	1254
≥9	12	13	5	8	5	6		8	4	2				2	3	4	186-1	72	431	431	1241
≥6	11	8	8	6	4	2	4	1	1						1	1	132-1	47	189	189	1235
≥3	8	2	2		1												30-1	13	23	23	1235

HOURS INTERVALS BETWEEN EVENTS

There were 13 12-hour intervals between events of wave heights ≥9 ft. (2.7m); 4 intervals persisted 96 hours or more.

The longest interval between events of wave heights ≥6 ft. (1.8m) was 132 hours and it occurred 1 time.
The longest interval between events of wave heights ≥64 ft. (19.5m) was 1 month or more and it occurred 9 times.

There were 13 intervals between events of wave heights ≥3 ft. (0.9m) which comprised a total of 23 hindcasts.

1,235 Hindcasts were examined, and 23 had wave heights <3 ft. (0.9m).

Intervals for a particular season extend from the time the event ends (or the first day of the season if the event is not in progress), and terminate when the event begins. Intervals become undefined if missing data is encountered. Intervals lasting a season or more are categorized together. Intervals may persist into the next season.

WAVE SLOPE α DURATIONS - SEASONAL

SEQUENCE NUMBER — LATITUDE AND

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T
≥ 15	1																6-1	1	1
≥ 14	2																6-2	2	2
≥ 13	6	5	1														18-1	12	19
≥ 12	12	10	10	5		1		1									48-1	39	96
≥ 11	21	20	15	9	8	3	4	5	2	2	2	1			1		90-1	93	355
≥ 10	30	17	13	15	6	2	10	4	10	4	1	2	1	1	3	14	162-1	133	822
≥ 08	15	11	8	6	7	8	3	4	2	2	1	2	1	3	1	48	570-1	122	2035
≥ 06	7	9	4	5	3	2	4	3	2	3	1	1	2		1	52	SEA-2	99	2498
≥ 05	8	3	6	3	4	4	1	3	2	1	2	1		3		50	SEA-3	91	2702
≥ 04	5	3	4	1	4	4	2		1	1	3	2			1	43	SEA-6	74	2698
≥ 03	3	4	4	2	2		3		1		1	1	1		1	36	SEA-10	59	2814
≥ 02	1	2					1	1	1					1		30	SEA-14	37	2550
≥ 01											1					23	SEA-16	24	2477

HOURS DURATION OF EVENTS

2 Events with α ≥0.02 persisted 12 hours; 30 events persisted
≥96 hours.

The longest event with α ≥0.13 persisted 18 hours and it occur
1 time.
The longest event with α ≥0.02 persisted for 1 month or more
it occurred 14 times.

24 Events had α ≥0.01 which comprised a total of 2,477 hind

2,659 Hindcasts were examined, and 2,641 had α ≥0.01.

Durations for a particular season extend from the time the ev
begins (or the first day of the season if already in progress), c
nate when the event ends. Events become undefined if missin
is encountered. Durations lasting a season or more are cate
together. Durations may persist into the next season.

ABBREVIATIONS (See text for details)

MAX: Maximum duration or interval, followed by the number of occurrences.
TE or TI: Total number of events or intervals.
T: Total number of hindcasts included in TE or TI.
T#: Total number of hindcasts that met the stated criteria.
TH: Total number of hindcasts examined.

S FOR TABLES

ASONAL

LATITUDE AND LONGITUDE

	60	66	72	78	84	90	96+	MAX	TI	T	T#	TH
							9	SEA 9	9	1116	1235	1235
		1		1			11	SEA 10	14	1298	1364	1373
2	1	1	1		1		18	SEA 6	30	1530	1553	1591
1	3	1		2		3	22	690-1	47	1414	1435	1540
2	2	3	2	1	1	3	27	384-1	88	1122	1124	1360
7			1	2	2	4	13	324-1	106	854	854	1288
3	2	2	3	1	2	2	4	240-1	113	617	617	1264
1							1	108-1	103	310	310	1235
								36-1	68	120	120	1235
								18-1	32	40	40	1235

INTERVAL BETWEEN EVENTS

ervals between events of wind speeds
ted 96 hours or more.

een events of wind speeds ≥7 kn.
rred 1 time.

een events of wind speeds ≥64 kn. was
curred 9 times.

etween events of wind speeds ≥4 kn.
f 40 hindcasts.

mined, and 40 had wind speeds <4 kn.

eason extend from the time the event ends
son the event is not in progress), and termi-
ns. Intervals become undefined if missing
vals lasting a season or more are
rvals may persist into the next season.

WAVE HEIGHT DURATIONS - SEASONAL

SEQUENCE NUMBER — LATITUDE AND LONGITUDE

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T#	TH
≥64																					1235
≥56																					1235
≥48																					1235
≥40	1																6-1		1	1	1235
≥34	2		2	1													24-1	5	12	12	1235
≥28	3	2	1	1		2											36-2	9	26	26	1235
≥24	3	7	2	4	1	2			2								54-2	21	74	74	1235
≥20	7	2	8	7	3	1	1	2	2	2			1			1	102-1	37	175	181	1236
≥16	3	8	2	6	2	5	3	2	4	2	3	3	2			2	120-2	47	317	327	1238
≥12	9	9	8	6	2	3	4	2	2	6	4		3	2	2	10	174-2	72	589	601	1257
≥9	4	9	7	5	5	3	4	1		1	7	6		2	1	18	426-1	73	874	881	1312
≥6	4	4	2	1	2	5	4	2		1	2	1	1	2	1	22	SEA-1	54	1264	1320	1509
≥3	1		3	1			1									16	SEA-8	22	1524	1626	1649

HOURS DURATION OF EVENTS

4 Events with wave heights ≥6 ft. (1.8m) persisted 12 hours; 22 events persisted ≥96 hours.

The longest event with wave heights ≥3 ft. (0.9m) persisted 1 month or more and it occurred 8 times.

The longest event with wave heights ≥40 ft. (12.2m) persisted for 6 hours and it occurred 1 time.

22 Events had wave heights ≥3 ft. (0.9m) which comprised a total of 1,524 hindcasts.

1,649 Hindcasts were examined, and 1,626 had wave heights ≥3 ft. (0.9m).

Durations for a particular season extend from the time the event begins (or the first day of the season if already in progress), and terminate when the event ends. Events become undefined if missing data is encountered. Durations lasting a season or more are categorized together. Durations may persist into the next season.

SEASONAL

LATITUDE AND LONGITUDE

	60	66	72	78	84	90	96+	MAX	TE	T	T#	TH
								6-1	1	1	1	2440
								6-2	2	2	2	2440
								18-1	12	19	19	2442
								48-1	39	96	96	2446
2	2	2	1			1		90-1	93	355	355	2448
0	4	1	2	1	1	3	14	162-1	133	822	828	2477
2	2	1	2	1	3	1	48	570-1	122	2035	2065	2787
2	3	1	1	2		1	52	SEA 2	99	2498	2593	2938
2	1	2	1		3		50	SEA 3	91	2702	2817	3058
	1	3	2			1	43	SEA 6	74	2698	2813	2977
		1	1	1		1	36	SEA 10	59	2814	2883	2977
					1		30	SEA 14	37	2550	2696	2733
		1					23	SEA 16	24	2477	2641	2659

OURS DURATION OF EVENTS

sisted 12 hours; 30 events persisted

≥0.13 persisted 18 hours and it occurred

≥0.02 persisted for 1 month or more and

ich comprised a total of 2,477 hindcasts.

mined, and 2,641 had α ≥0.01.

season extend from the time the event
the season if already in progress), and termi-
Events become undefined if missing data
lasting a season or more are categorized
persist into the next season.

WAVE SLOPE α INTERVALS - SEASONAL

SEQUENCE NUMBER — LATITUDE AND LONGITUDE

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TI	T	T#	TH
≥.15																19	SEA-18	19	2319	2557	2558
≥.14																20	SEA-18	20	2423	2661	2663
≥.13			1	1								1				25	SEA-14	28	2657	2895	2912
≥.12	1	3	2	1	4			1		1		1	1	1		38	SEA-9	54	2708	2922	3012
≥.11	12	8	3	6	5	5	1	4	2	1	2	5		3	4	44	SEA-2	105	2283	2393	2740
≥.10	26	7	15	11	7	4	8		6	3	5	4	5	5	1	36	474-1	143	1755	1825	2616
≥.08	23	18	10	13	7	10	5	6	4	2	3	1	2	4	1	9	348-1	118	762	778	2496
≥.06	21	18	18	8	4	3	2		2	4		1	2	1		2	150-1	86	346	355	2450
≥.05	25	19	12	4	4	2	2	2	3	2	2						66-2	77	246	246	2445
≥.04	20	18	7	1	6	2	1	1	2		1						66-1	59	167	167	2443
≥.03	20	8	5	4	3	1		1									48-1	42	96	96	2442
≥.02	10	7	1		1		1										42-1	20	39	39	2442
≥.01	4	1				1											36-1	6	12	12	2440

HOURS INTERVALS BETWEEN EVENTS

There were 18 12-hour intervals between events of wave slopes ≥0.06; 2 intervals persisted 96 hours or more.

The longest interval between events of wave slopes ≥0.10 was 474 hours and it occurred 1 time.

The longest interval between events of wave slopes ≥0.15 was 1 month or more and it occurred 18 times.

There were 6 intervals between events of wave slopes ≥0.01 which comprised a total of 12 hindcasts.

2,440 Hindcasts were examined, and 12 had wave slopes <0.01.

Intervals for a particular season extend from the time the event ends (or the first day of the season if the event is not in progress), and terminate when the event begins. Intervals become undefined if missing data is encountered. Intervals lasting a season or more are categorized together. Intervals may persist into the next season.

ces.

feet	0	3	6	9	12	16	20	24	28	34	40	48	56	64
meters	0	0.9	1.8	2.7	3.7	4.9	6.1	7.3	8.5	10.4	12.2	14.6	17.1	19.5

LEGENDS FOR TABLES

WIND SPEED DURATIONS - ENTIRE DATA SET

SEQUENCE NUMBER — LATITUDE AND LONGITUDE

WIND SPEED kn	25	.5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T#	TH
≥64																					13606
≥48	10	5	1	1	1												1.25-1	18	32	32	13606
≥41	46	15	6	1	6												1.75-2	74	131	131	13606
≥34	62	45	34	15	15	2											3.00-1	173	433	433	13606
≥28	123	94	64	29	59	13	3										3.50-1	385	1136	1141	13606
≥22	137	121	94	77	133	31	12	6	6								8.25-1	617	2527	2536	13606
≥17	158	144	100	99	214	75	37	16	17	2							11.25-1	862	4590	4605	13606
≥11	123	107	73	86	251	148	74	53	63	8	2						22.75-1	988	8418	8472	13606
≥7	97	45	38	51	129	126	83	50	135	39	3						28.25-1	796	11074	11219	13606
≥4	30	17	19	14	57	49	41	26	93	68	26	1				1	361.00-1	442	12384	12640	13606

DAYS DURATION OF EVENTS

17 Events with wind speeds ≥4 kn. persisted 0.5 day; 57 events persisted >1 day but ≤2 days.

The longest event with wind speeds ≥41 kn. persisted 1.75 days and it occurred 2 times.

The longest event with wind speeds ≥34 kn. persisted 3 days and it occurred 1 time.

442 Events had wind speeds ≥4 kn. which comprised a total of 12,384 hindcasts.

13,606 Hindcasts were examined, and 12,640 had wind speeds ≥4 kn.

Durations extend from the time the event begins and terminate when the event ends. Events become undefined if missing data is encountered.

WIND SPEED INTERVALS - ENTIRE DATA SET

SEQUENCE NUMBER — LATITUDE AND LONGITUDE

WIND SPEED kn	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TI	T	T#	TH
≥64																				13606	13606
≥48		1			4	1			1	1				1	2	2	418.00-1	13	5944	13574	13606
≥41	5	1		1	10	4	4	1	12	11	5	6	3		5		324.00-1	68	8829	13475	13606
≥34	9	7	5	6	22	15	19	4	30	27	9	7	2	1	4		208.50-1	167	9580	13173	13606
≥28	33	34	20	26	61	43	34	25	46	38	7	7	2	3	1		181.75-1	380	10399	12465	13606
≥22	68	63	38	55	132	79	44	27	55	32	9	4	5	2			115.75-1	613	10594	11070	13606
≥17	113	98	103	75	197	96	42	24	67	36	6	2					50.25-1	859	8875	9001	13606
≥11	210	180	150	102	196	62	38	24	20	6							16.25-1	988	5108	5134	13606
≥7	316	182	104	62	90	25	12	3	4								8.75-2	798	2376	2387	13606
≥4	255	106	30	15	35	8		1	1								6.25-1	451	963	966	13606

DAYS INTERVAL BETWEEN EVENTS

1 Interval between events of wind speeds ≥48 kn. persisted 0.5 day; 4 intervals persisted >1 day but ≤2 days.

The longest interval between events of wind speeds ≥4 kn. was 6.25 days and it occurred 1 time.

The longest interval between events of wind speeds ≥7 kn. was 8.75 days and it occurred 2 times.

There were 451 intervals between events of wind speeds ≥4 kn. which comprised a total of 963 hindcasts.

13,606 Hindcasts were examined, and 966 had wind speeds <4 kn.

Intervals extend from the time the event ends and terminate when the event begins. Intervals become undefined if missing data is encountered.

WAVE HEIGHT INTERVALS - ENTIRE DATA SET

SEQUENCE NUMBER — LATITUDE AND LONGITUDE

WAVE HEIGHT ft	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TI	T	T#	TH
≥64																				13606	13606
≥56																				13606	13606
≥48																				13606	13606
≥40					1										1		308.25-1	2	1239	13596	13606
≥34		1			2				3	1				1	1	1	370.25-1	9	2793	13573	13606
≥28		2		4	3	1	1		5	2	1	3	2		3	2	401.75-1	30	8571	13509	13606
≥24	3	4	5	1	5	7	3	2	13	12	4	11	1		5		338.00-1	76	9465	13334	13606
≥20	7	8	7	2	16	14	10	6	18	20	11	9	1	3	5		232.25-1	134	9223	12937	13606
≥16	18	17	16	6	32	26	13	14	33	31	11	4		2	2		205.75-1	226	9023	12204	13606
≥12	53	34	25	15	52	50	22	23	40	29	7	7	3	2	1		180.75-1	363	9056	10761	13606
≥9	57	45	32	36	93	49	28	16	34	24	8	7	3				128.50-1	434	8187	8990	13606
≥6	72	56	39	46	92	47	21	17	40	35	6	4					50.50-1	475	6395	6612	13606
≥3	73	67	35	31	85	35	24	17	26	8							18.25-2	401	3133	3208	13606

DAYS INTERVAL BETWEEN EVENTS

1 Interval between events of wave heights ≥ 34 ft. (10.4m) persisted 0.5 day; 2 intervals persisted >1 day but ≤ 2 days.

The longest interval between events of wave heights ≥3 ft. (0.9m) was 18.25 days and it occurred 2 times.

The longest interval between events of wave heights ≥40 ft. was 308.25 days and it occurred 1 time.

There were 401 intervals between events of wave heights ≥3 ft. (0.9m) which comprised a total of 3,133 hindcasts.

13,606 Hindcasts were examined, and 3,208 had wave heights <3 ft. (0.9m).

Intervals extend from the time the event ends and terminate when the event begins. Intervals become undefined if missing data is encountered.

WAVE SLOPE α DURATIONS - ENTIRE DATA SET

SEQUENCE NUMBER — LATITUDE AND LONGITUDE

WAVE SLOPE α	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T#	TH
≥ 15	2	3															50-3	5	8	8	29016
≥ 14	12	5	3														75-3	20	31	31	29016
≥ 13	25	15	15	5	4												1.50-2	64	142	145	29016
≥ 12	48	47	32	21	29	2	1										3.25-1	180	525	531	29016
≥ 11	120	76	47	46	108	27	3	3									4.25-3	430	1633	1648	29016
≥ 10	210	139	104	81	183	99	31	15	16								9.50-1	878	4415	4450	29016
≥ 08	216	128	104	105	265	206	116	69	138	40	4						23.75-1	1411	14261	14466	29016
≥ 06	124	104	76	75	241	155	129	99	197	88	18	5					35.50-1	1311	20361	20904	29016
≥ 05	135	81	70	55	200	138	110	94	192	100	24	12					43.00-1	1211	21835	22909	29016
≥ 04	120	75	60	51	88	115	97	66	171	106	36	19					58.50-1	1111	22954	24429	29016
≥ 03	94	58	45	44	119	82	82	53	147	95	45	28	3				67.75-1	895	23326	25663	29016
≥ 02	69	42	29	18	64	46	51	32	106	68	44	34	9	1			90.75-1	613	22003	26905	29016
≥ 01	32	15	11	3	19	10	15	10	34	40	13	45	17	1	1	1	361.75-1	267	20760	28054	29016

DAYS DURATION OF EVENTS

32 Events with α ≥0.01 persisted .25 day; 19 events persisted >1 day but ≤2 days.

The longest event with α ≥0.12 persisted 3.25 days and it occurred 1 time.

The longest event with α ≥0.13 persisted 1.50 days and it occurred 2 times.

267 Events had α ≥0.01 which comprised a total of 20,760 hindcasts.

29,016 Hindcasts were examined, and 28,054 had α ≥0.01.

Durations extend from the time the event begins and terminate when the event ends. Events become undefined if missing data is encountered.

ABBREVIATIONS (See text for details)

MAX: Maximum duration or interval, followed by the number of occurrences.
TE or TI: Total number of events or intervals.
T: Total number of hindcasts included in TE or TI.
T#: Total number of hindcasts that met the stated criteria.
TH: Total number of hindcasts examined.

ƆR TABLES

ΓA SET

				MAX	TI	T	T*	TH
							13606	13606
	1	2	2	418.00-1	13	5944	13574	13606
3		5		324.00-1	68	8829	13475	13606
2	1	4		208.50-1	167	9580	13173	13606
2	3	1		181.75-1	380	10399	12465	13606
5	2			115.75-1	613	10594	11070	13606
				50.25-1	859	8875	9601	13606
				16.25-1	988	5108	5134	13606
				8.75-2	798	2376	2387	13606
				6.25-1	451	963	966	13606
90	180	360	∞					

LATITUDE AND LONGITUDE

BETWEEN EVENTS

peeds ≥48 kn. persisted 0.5
ut ≤2 days.

of wind speeds ≥4 kn. was

of wind speeds ≥7 kn. was

vents of wind speeds
963 hindcasts.

d 966 had wind speeds <4 kn.

vent ends and terminate when
undefined if missing data is

WAVE HEIGHT DURATIONS · ENTIRE DATA SET

SEQUENCE NUMBER — LATITUDE AND LONGITUDE

WAVE HEIGHT ft	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																					13606
≥56																					13606
≥48																					13606
≥40	1	1	1	1													1.00-1	4	10	10	13606
≥34	5		3	2	2												1.50-1	12	33	33	13606
≥28	15	9	1	4	7												2.00-2	36	97	97	13606
≥24	15	21	19	10	12	5											2.50-1	82	272	272	13606
≥20	23	19	20	19	36	15	5	2									4.50-1	139	663	669	13606
≥16	31	35	19	24	70	35	7	6	4								10.00-1	231	1392	1402	13606
≥12	62	46	44	26	71	43	29	22	20	4							15.75-1	367	2833	2845	13606
≥9	46	40	38	33	103	65	30	19	53	10	1						20.50-1	438	4603	4616	13606
≥6	64	40	36	34	106	55	26	23	53	29	5	6					34.50-1	477	6932	6994	13606
≥3	62	33	31	12	68	38	25	29	46	29	9	5	2	3		1	361.00-1	393	10094	10398	13606

DAYS DURATION OF EVENTS

33 Events with wave heights ≥3 ft. (0.9m) persisted 0.5 day; 68 events persisted >1 day but ≤2 days.

The longest event with wave heights ≥28 ft. (8.5m) persisted 2 days and occurred 2 times.

The longest event with wave heights ≥24 ft. (7.3m) persisted 2.5 days and occurred 1 time.

393 Events had wave heights ≥3 ft. (0.9m) which comprised a total of 10,094 hindcasts.

13,606 Hindcasts were examined, and 10,398 had wave heights ≥3 ft. (0.9m).

Durations extend from the time the event begins and terminate when the event ends. Events become undefined if missing data is encountered.

DATA SET

				MAX	TE	T	T*	TH
				.50-3	5	8	8	29016
				.75-3	20	31	31	29016
				1.50-2	64	142	145	29016
				3.25-1	180	525	531	29016
				4.25-3	430	1633	1648	29016
				9.50-1	878	4415	4450	29016
				23.75-1	1411	14261	14466	29016
				35.50-1	1311	20361	20904	29016
				43.00-1	1211	21835	22909	29016
				58.50-1	1111	22954	24429	29016
3				67.75-1	895	23326	25663	29016
9	1			90.75-1	613	22003	26905	29016
17	1	1	1	361.75-1	267	20760	28054	29016
90	180	360	∞					

LATITUDE AND LONGITUDE

N OF EVENTS

day; 19 events persisted >1

sted 3.25 days and it

sted 1.50 days and it occurred

rised a total of 20,760

d 28,054 had α ≥0.01.

vent begins and terminate
undefined if missing data is

WAVE SLOPE α INTERVALS · ENTIRE DATA SET

SEQUENCE NUMBER — LATITUDE AND LONGITUDE

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TI	T	T*	TH
≥.15							1			1							16.25-1	2	79	29008	29016
≥.14				1			1			3	1	3					44.75-1	9	754	28985	29016
≥.13	2	2	3		1	5	1	1	3	10	4	6	2	2	6	1	387.75-1	49	11986	28871	29016
≥.12	6	8	5	2	16	6	7	7	26	33	10	20	6	4	9		258.75-1	165	19432	28485	29016
≥.11	34	20	15	21	52	40	31	19	54	58	29	22	7	10	3		202.25-1	415	23046	27368	29016
≥.10	99	62	61	61	114	79	71	48	117	94	28	20	8	4			127.50-1	866	22585	24566	29016
≥.08	263	156	124	123	271	143	97	53	104	70	6	1					47.75-1	1411	14399	14550	29016
≥.06	279	188	156	122	269	136	61	34	62	4							15.00-1	1311	8040	8112	29016
≥.05	304	227	143	93	244	94	48	25	32	1							14.50-1	1211	6040	6107	29016
≥.04	326	227	148	86	197	63	32	22	10	1							14.50-1	1112	4577	4587	29016
≥.03	318	173	113	72	151	43	26	6	8								8.50-1	910	3347	3353	29016
≥.02	231	136	72	60	88	23	14	3	4								8.00-1	631	2109	2111	29016
≥.01	112	56	29	25	41	13	7	1	2								5.25-2	286	961	962	29016

DAYS INTERVAL BETWEEN EVENTS

2 Intervals between events of wave slopes ≥0.13 persisted 0.5 day; 1 interval persisted >1 day but ≤2 days.

The longest interval between events of wave slopes ≥0.15 was 16.25 days and it occurred 1 time.

The longest interval between events of wave slopes ≥0.01 was 5.25 days and it occurred 2 times.

There were 286 intervals between events of wave slopes ≥0.01 which comprised a total of 961 hindcasts.

29,016 Hindcasts were examined, and 962 had wave slopes <0.01.

Intervals extend from the time the event ends and terminate when the event begins. Intervals become undefined if missing data is encountered.

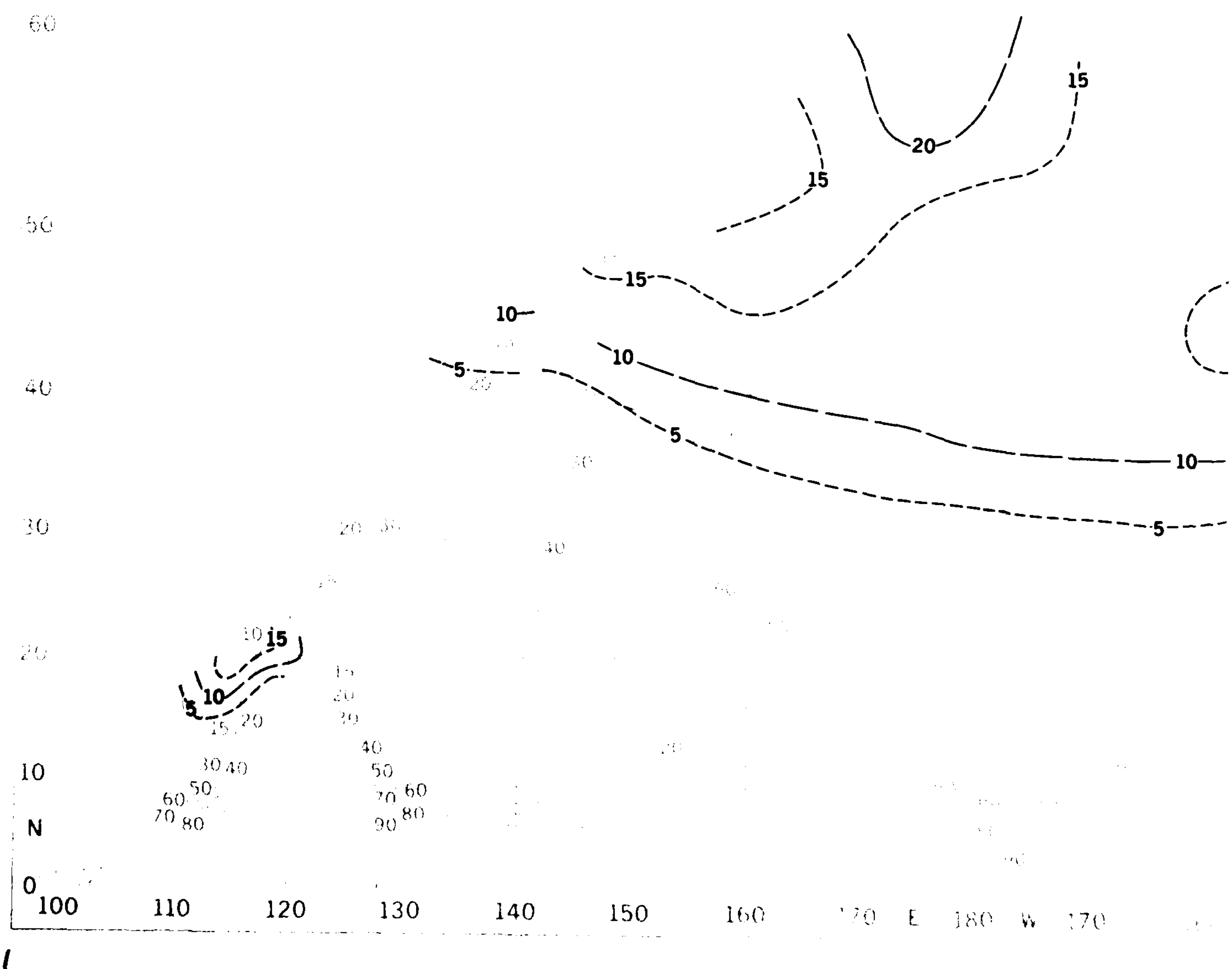
feet	0	3	6	9	12	16	20	24	28	34	40	48	56	64
meters	0	0.9	1.8	2.7	3.7	4.9	6.1	7.3	8.5	10.4	12.2	14.6	17.1	19.5

4

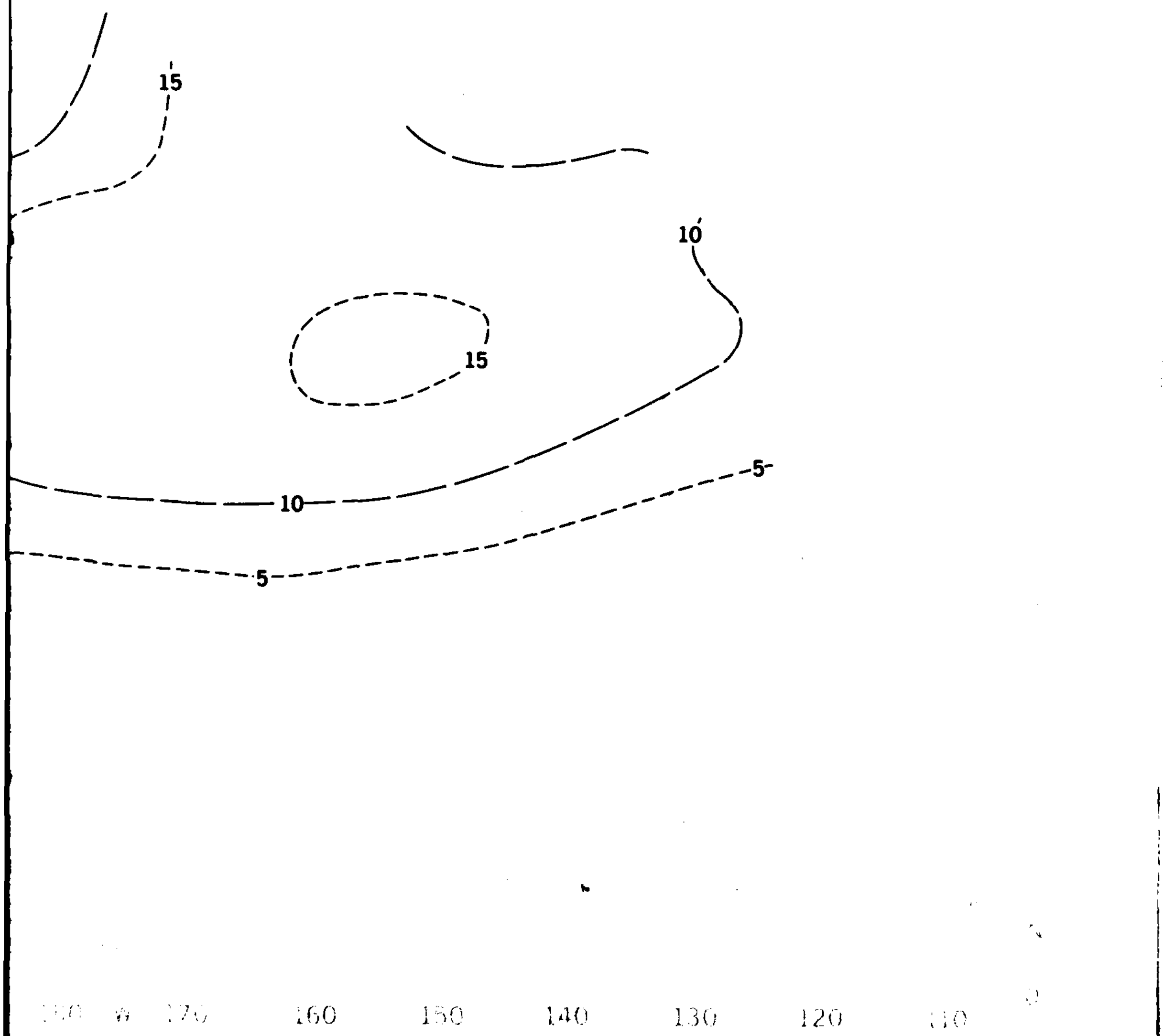
WIND SPEED (≤10 AND ≥34 KNOTS)

Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots



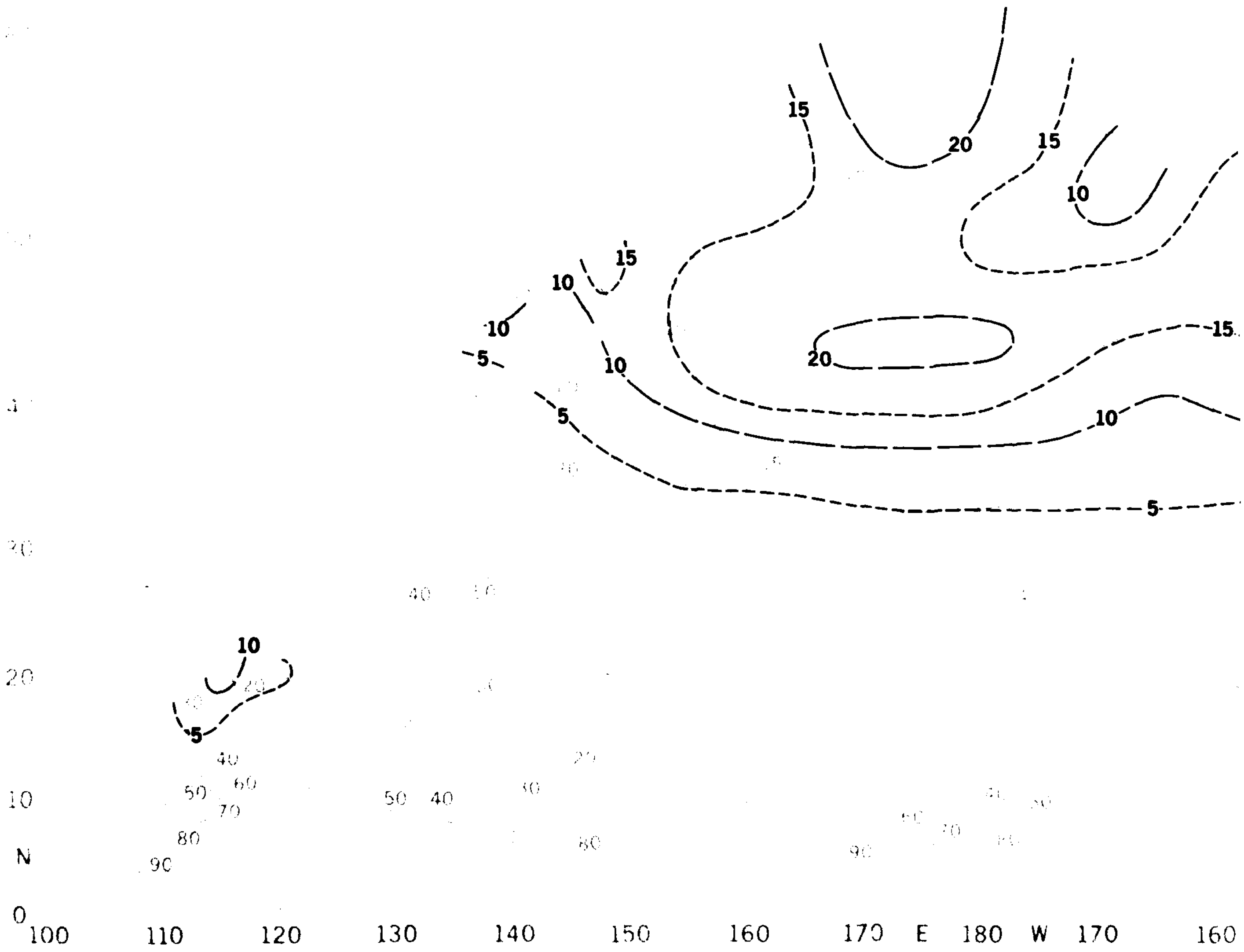
JANUARY



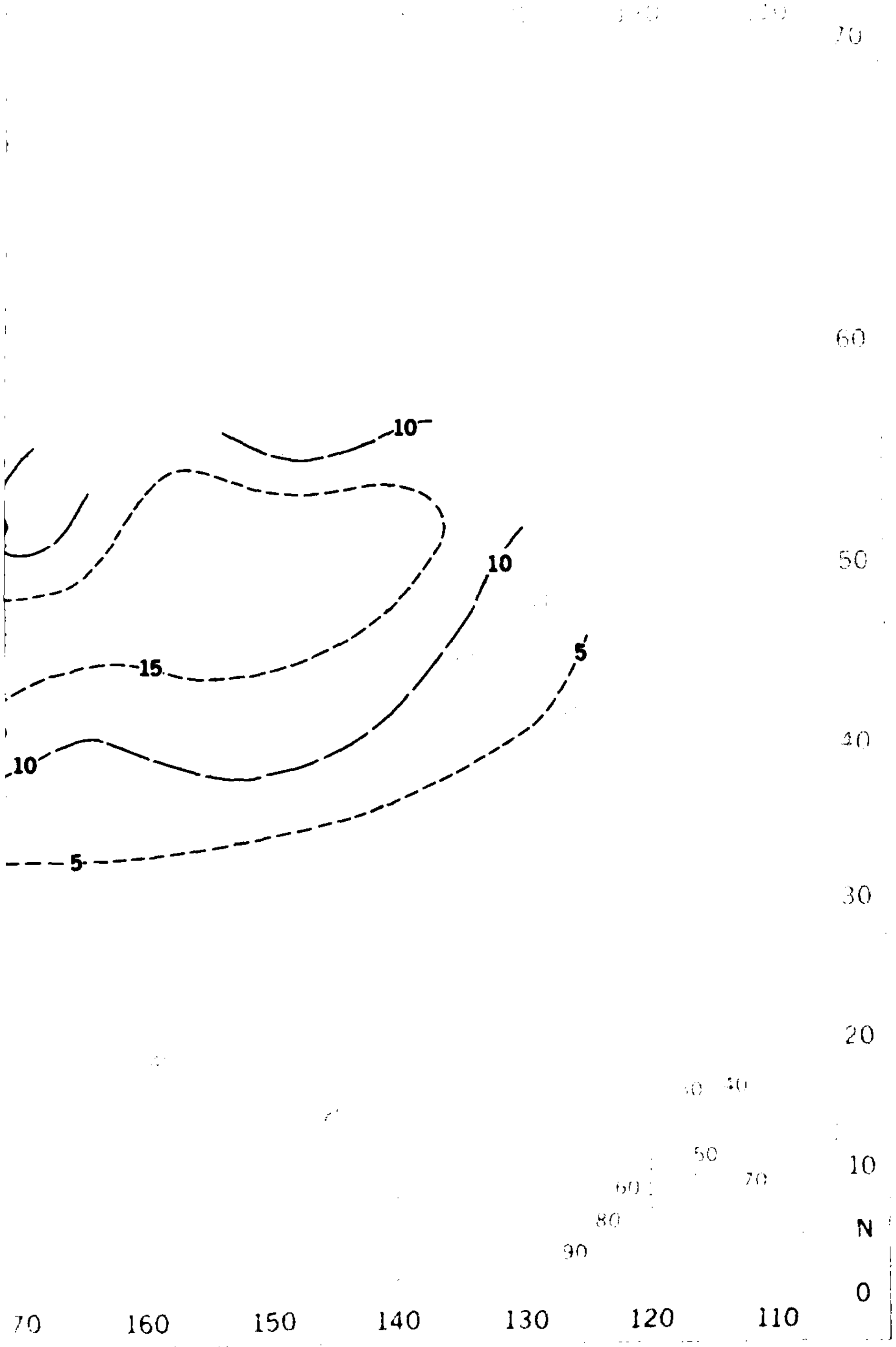
FEBRUARY WIN

Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots



WIND SPEED (≤10 AND ≥34 KNOTS)

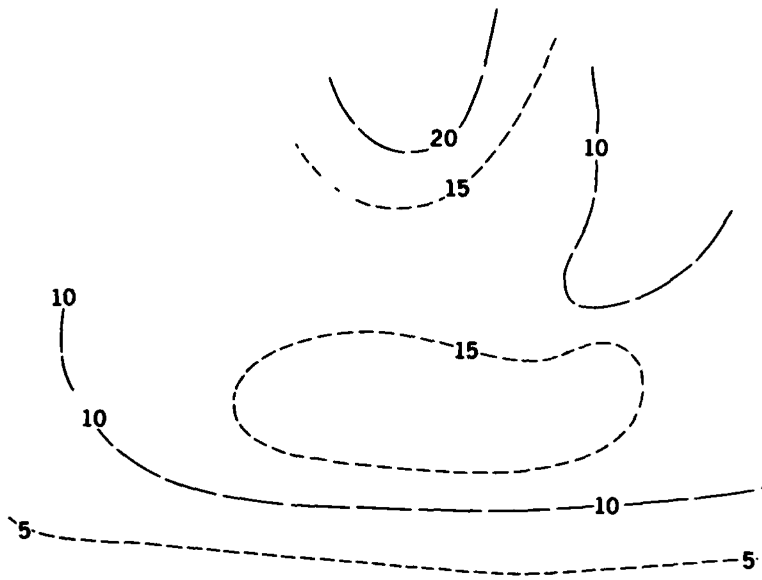


4

WIND SPEED (≤10 AND ≥34 KNOTS)

Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

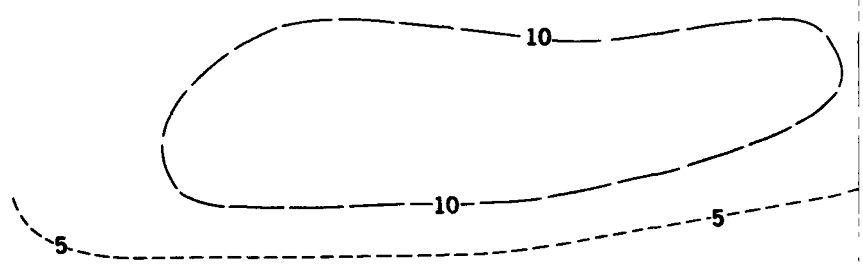


MARCH

APRIL WIND

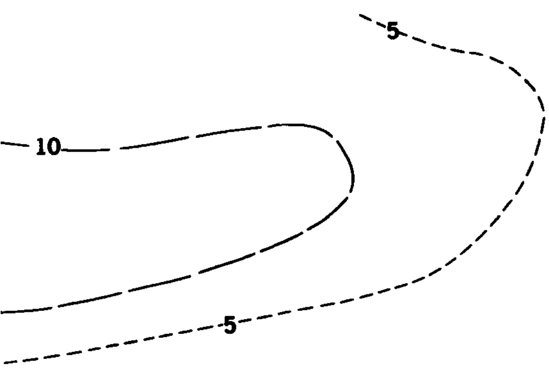
Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots



3

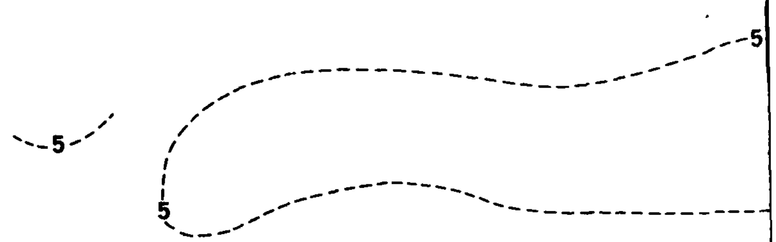
WIND SPEED (≤10 AND ≥34 KNOTS)

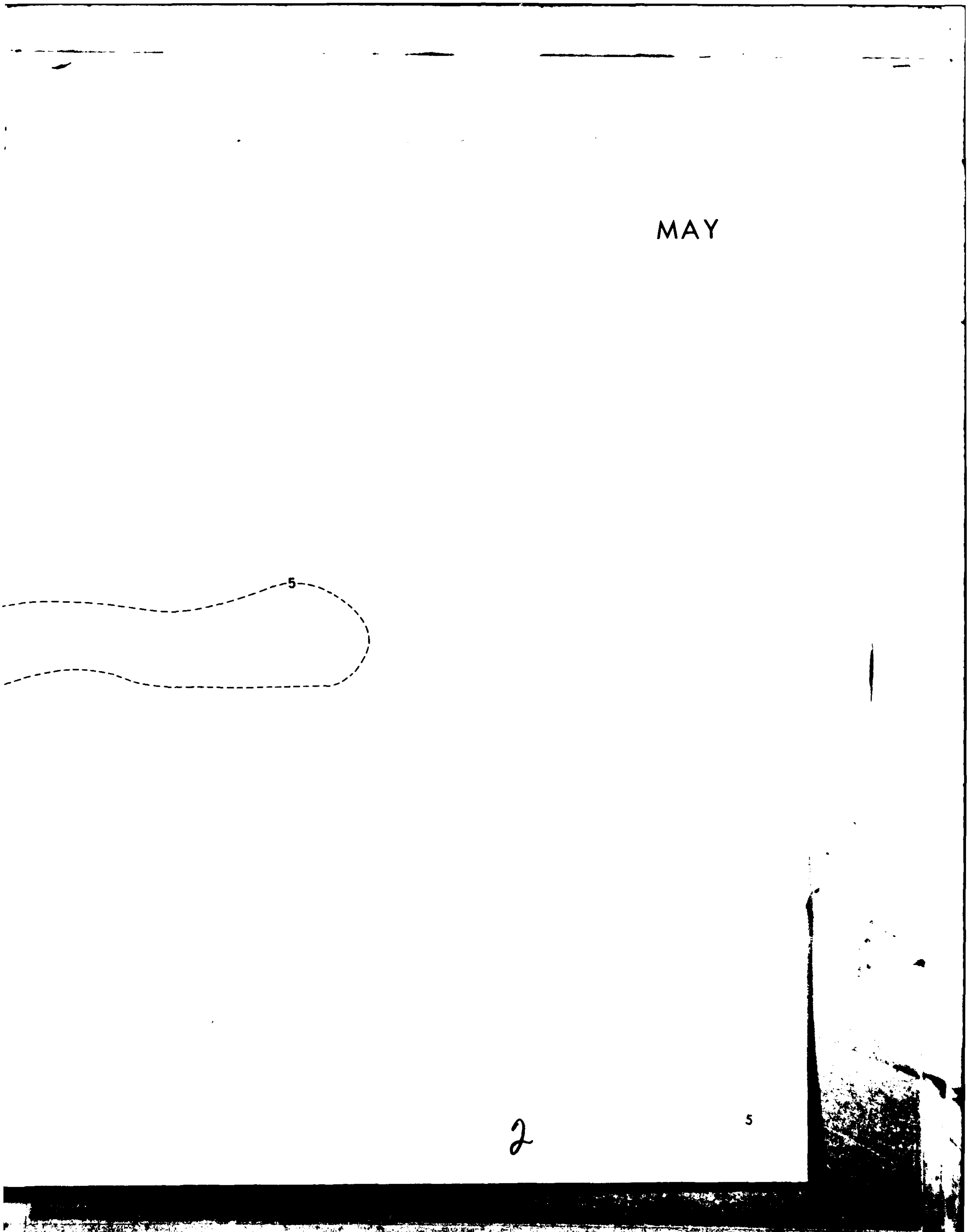


WIND SPEED (≤10 AND ≥34 KNOTS)

Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots





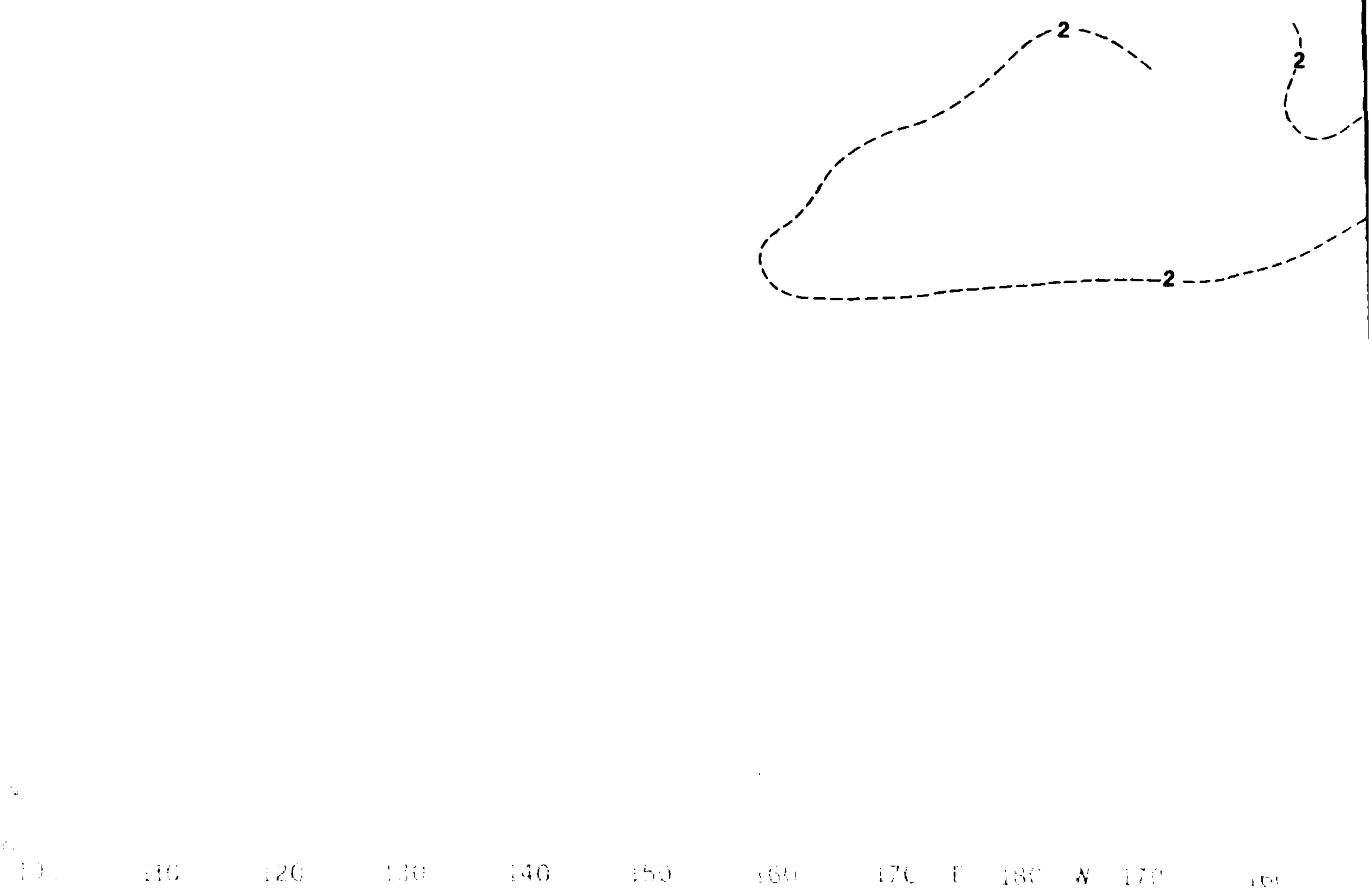
2

JUNE

WIND

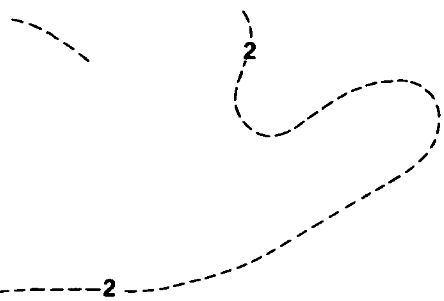
Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots



3

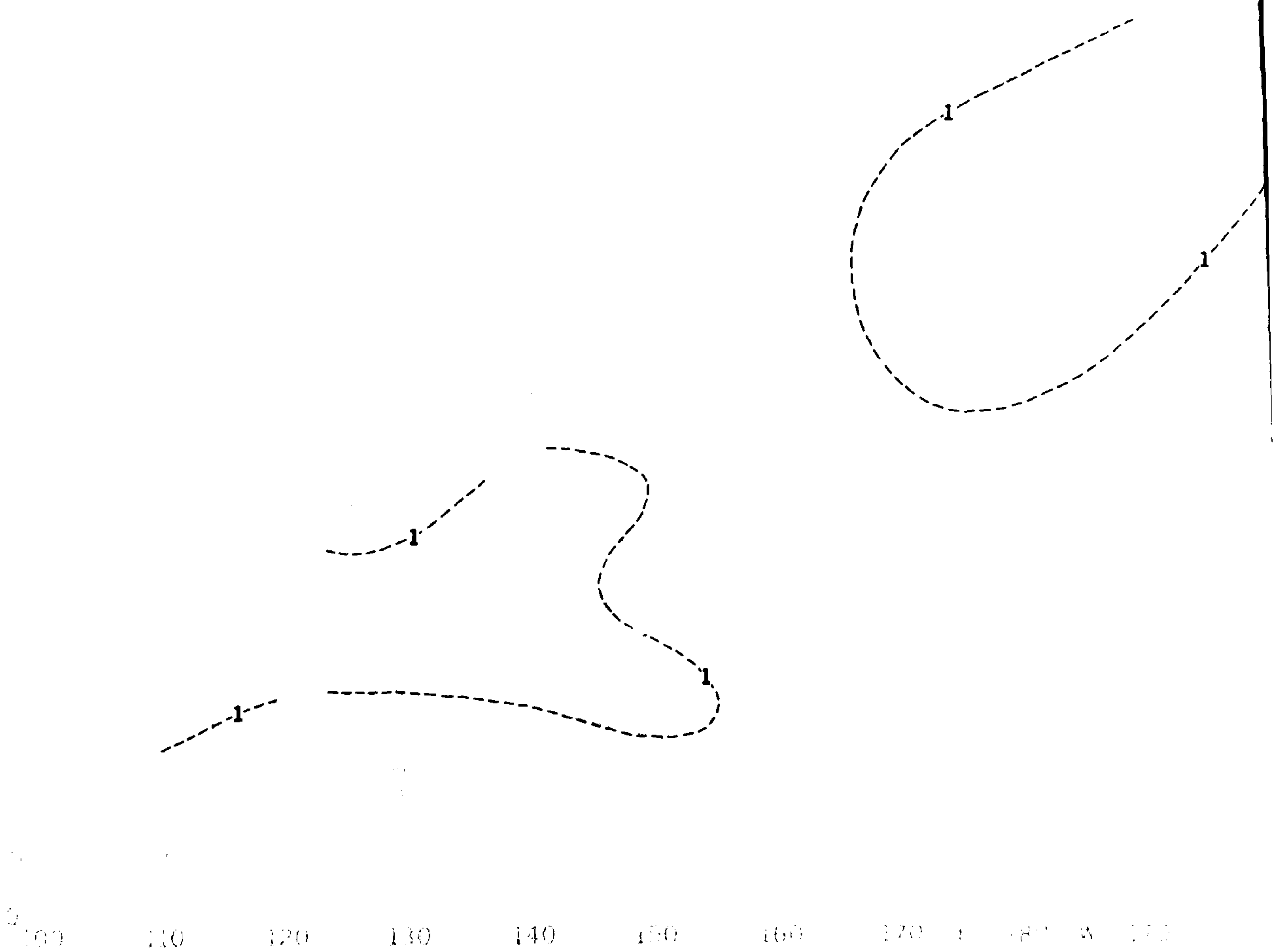
WIND SPEED (≤10 AND ≥34 KNOTS)



WIND SPEED (≤10 AND ≥34 KNOTS)

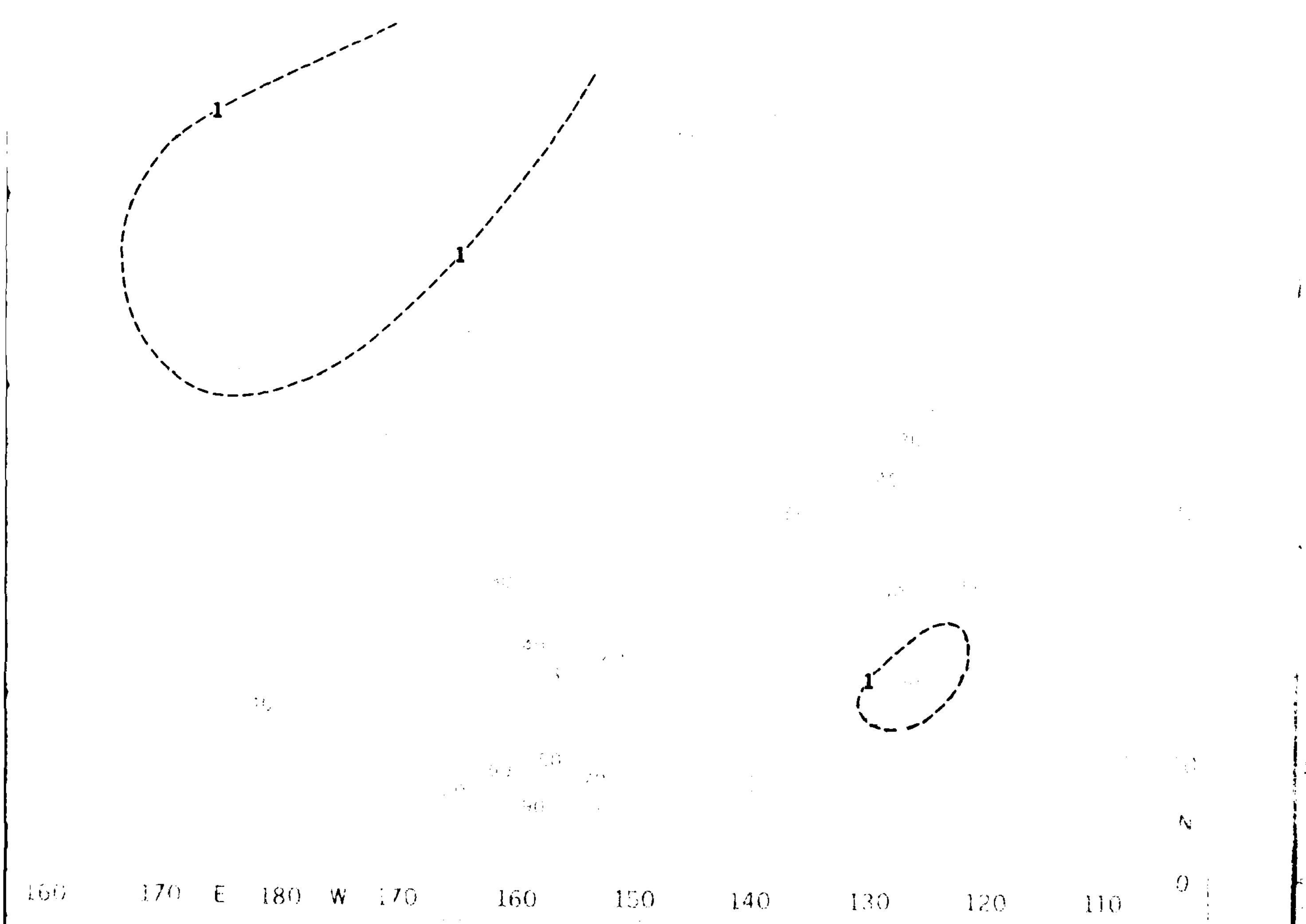
Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots



TS)

JULY



2

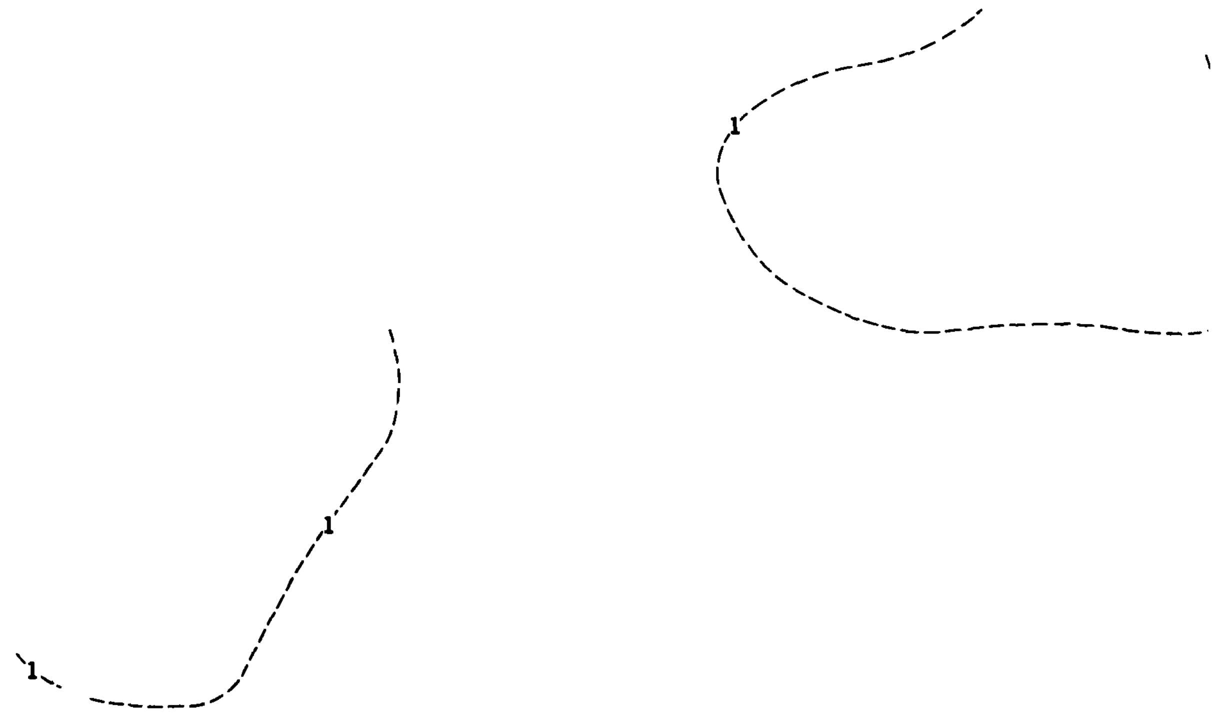
7

AUGUST

WIND

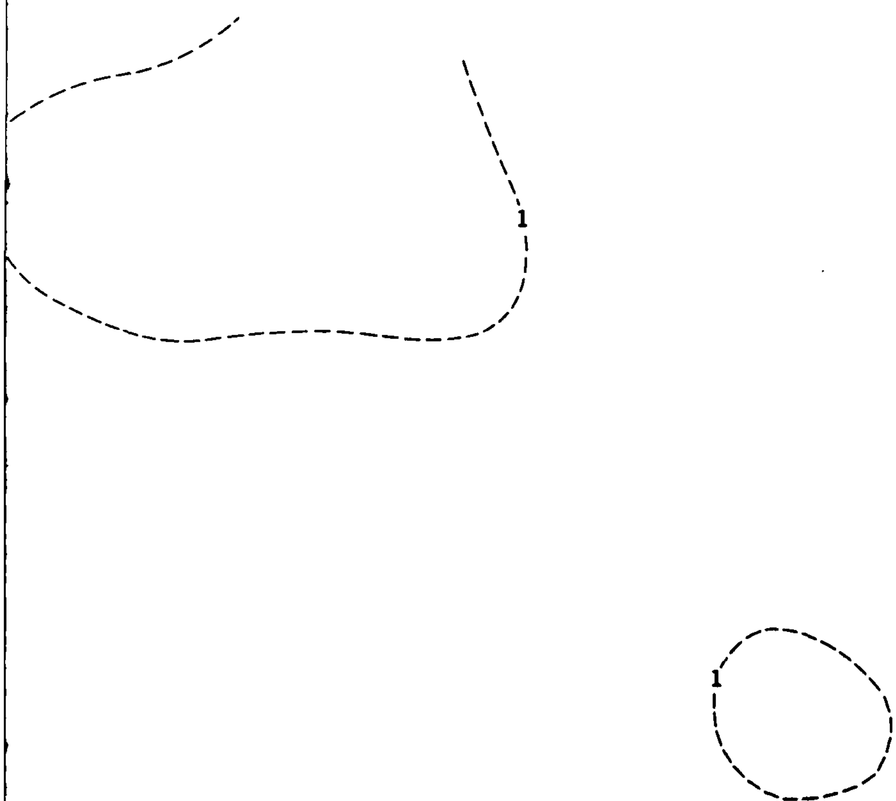
Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots



3

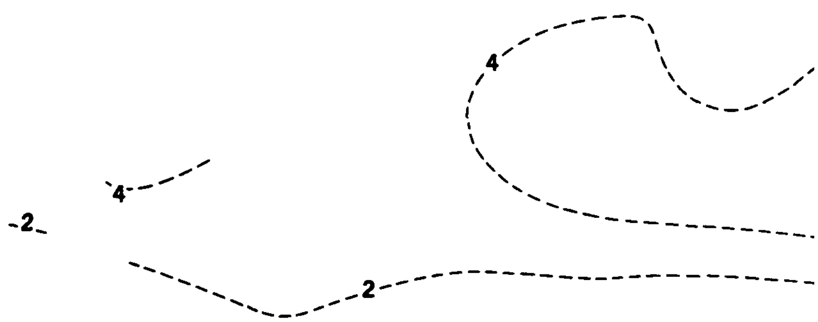
WIND SPEED (≤10 AND ≥34 KNOTS)



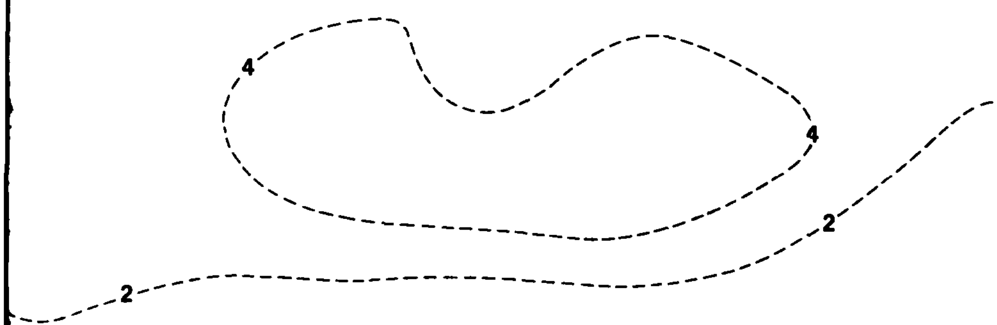
WIND SPEED (≤10 AND ≥34 KNOTS)

Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots



S) SEPTEMBER

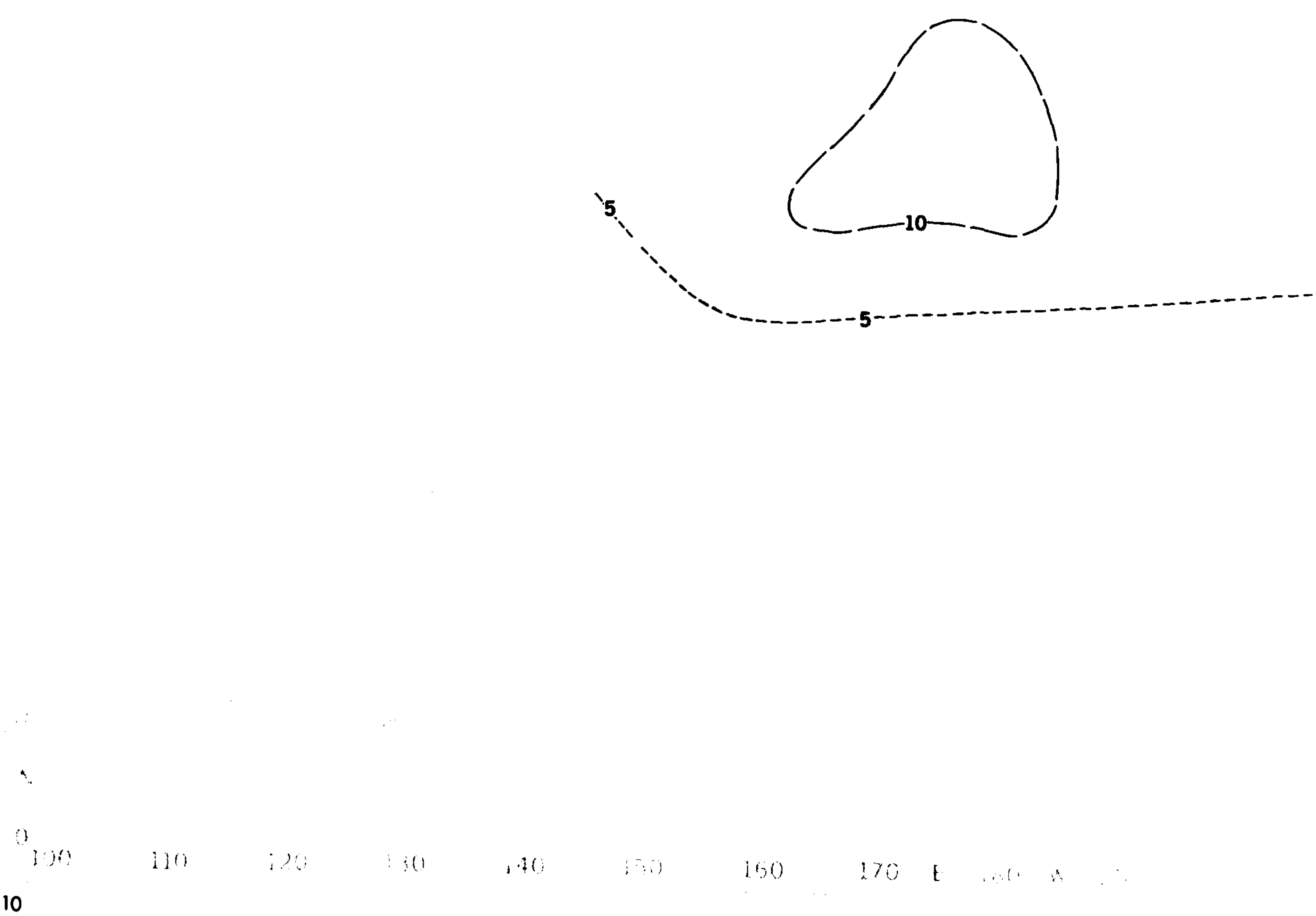


OCTOBER

WIND

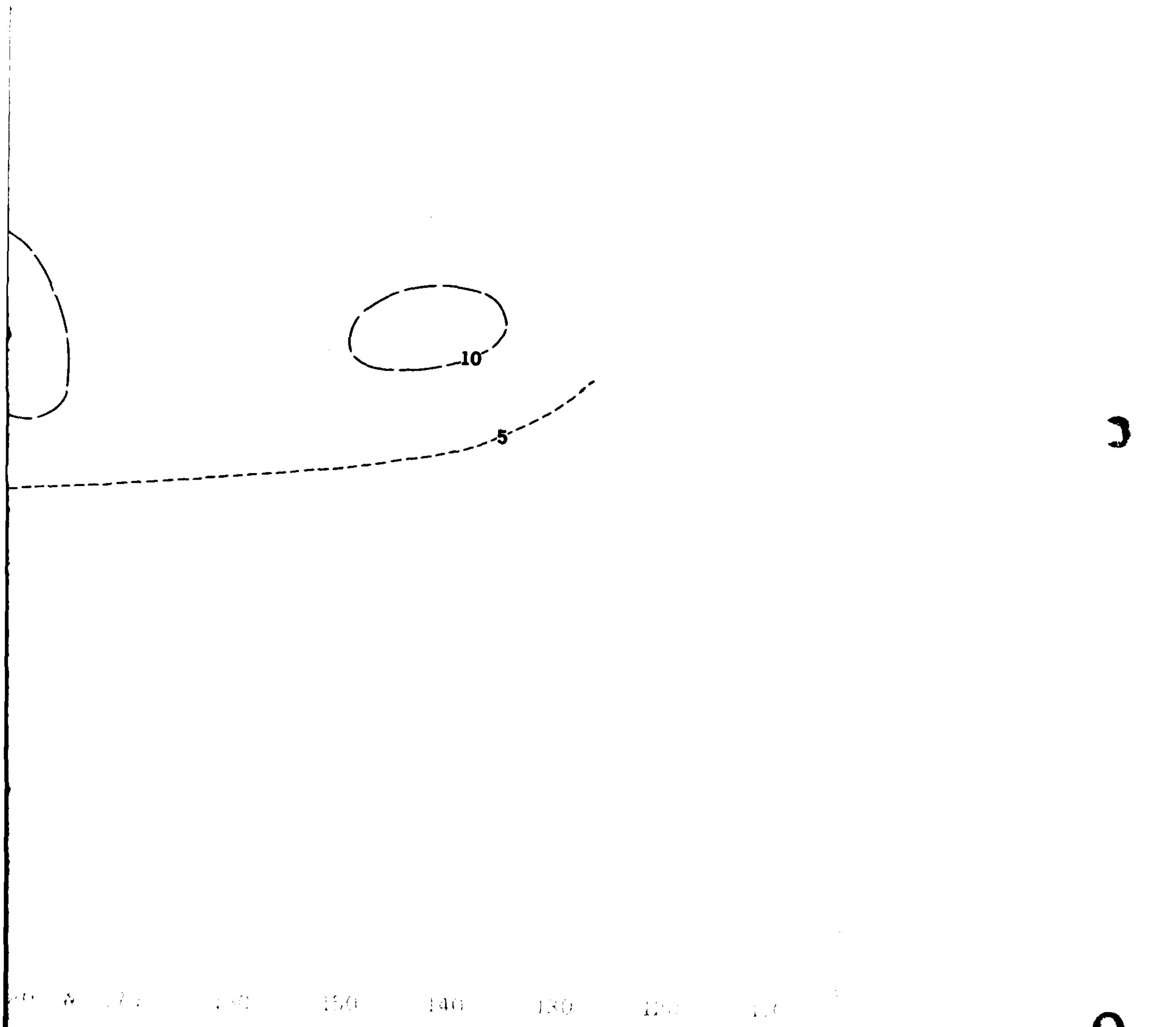
Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots



3

WIND SPEED (≤10 AND ≥34 KNOTS)

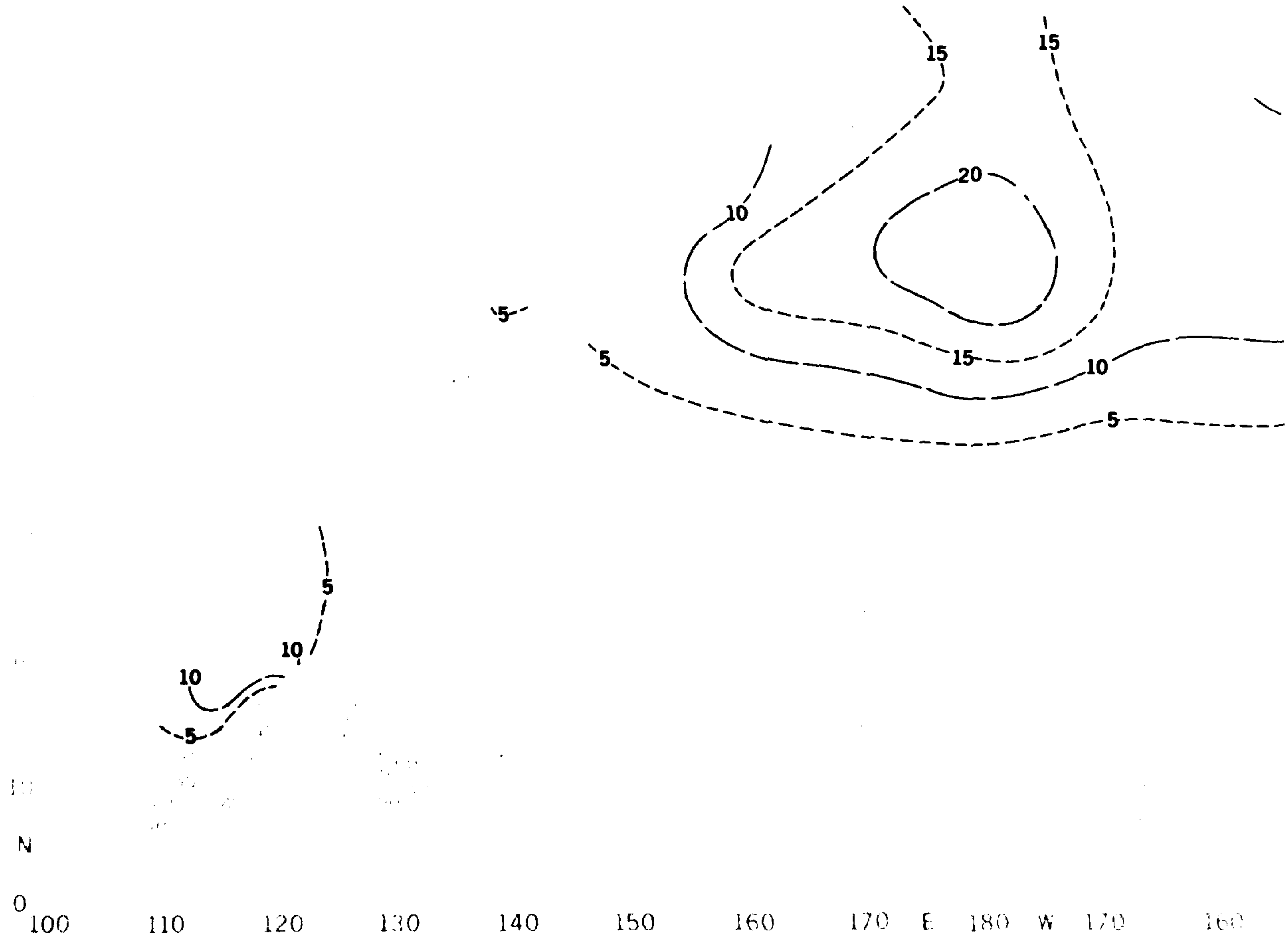


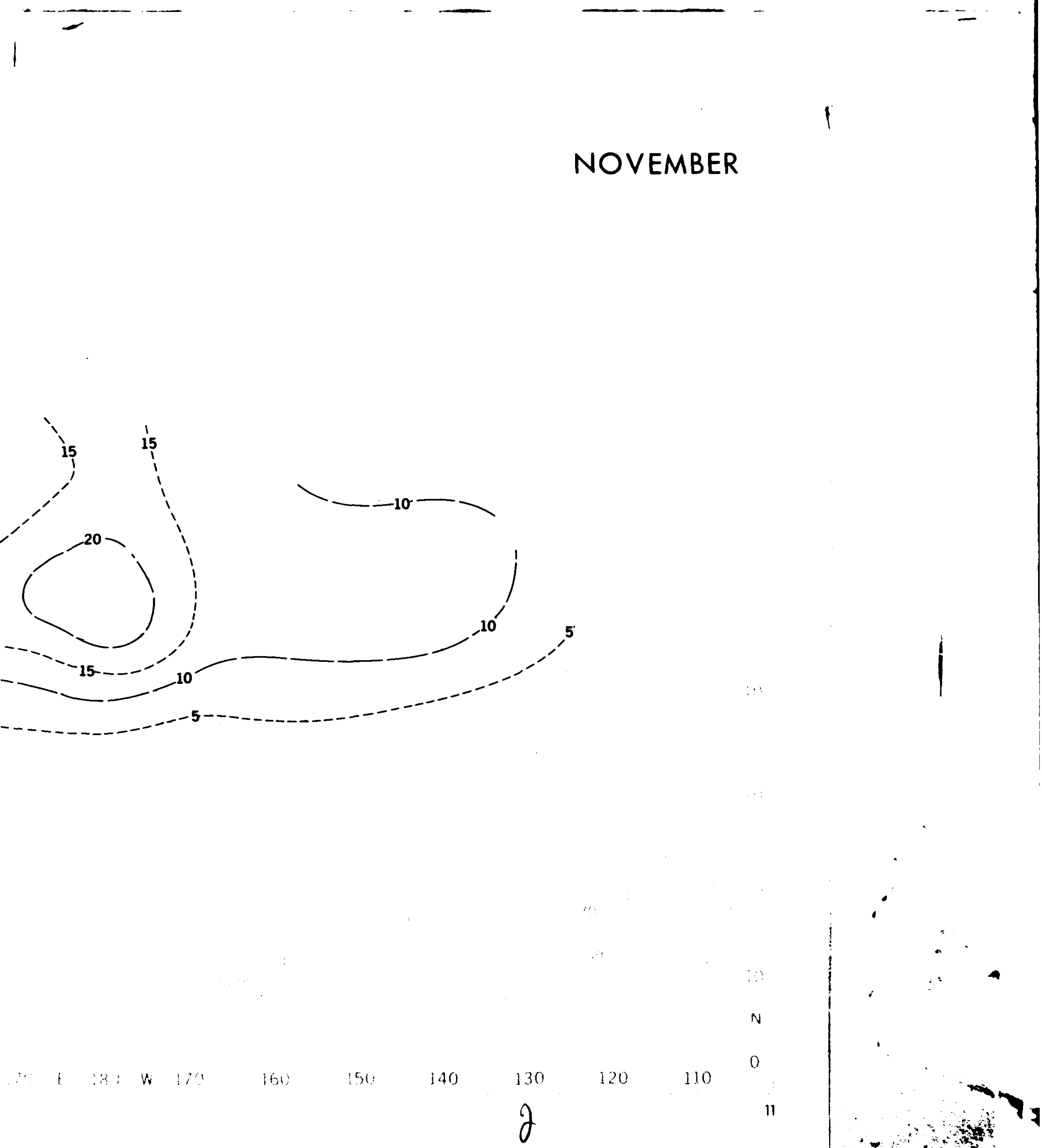
4

WIND SPEED (≤10 AND ≥34 KNOTS)

Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots




NOVEMBER
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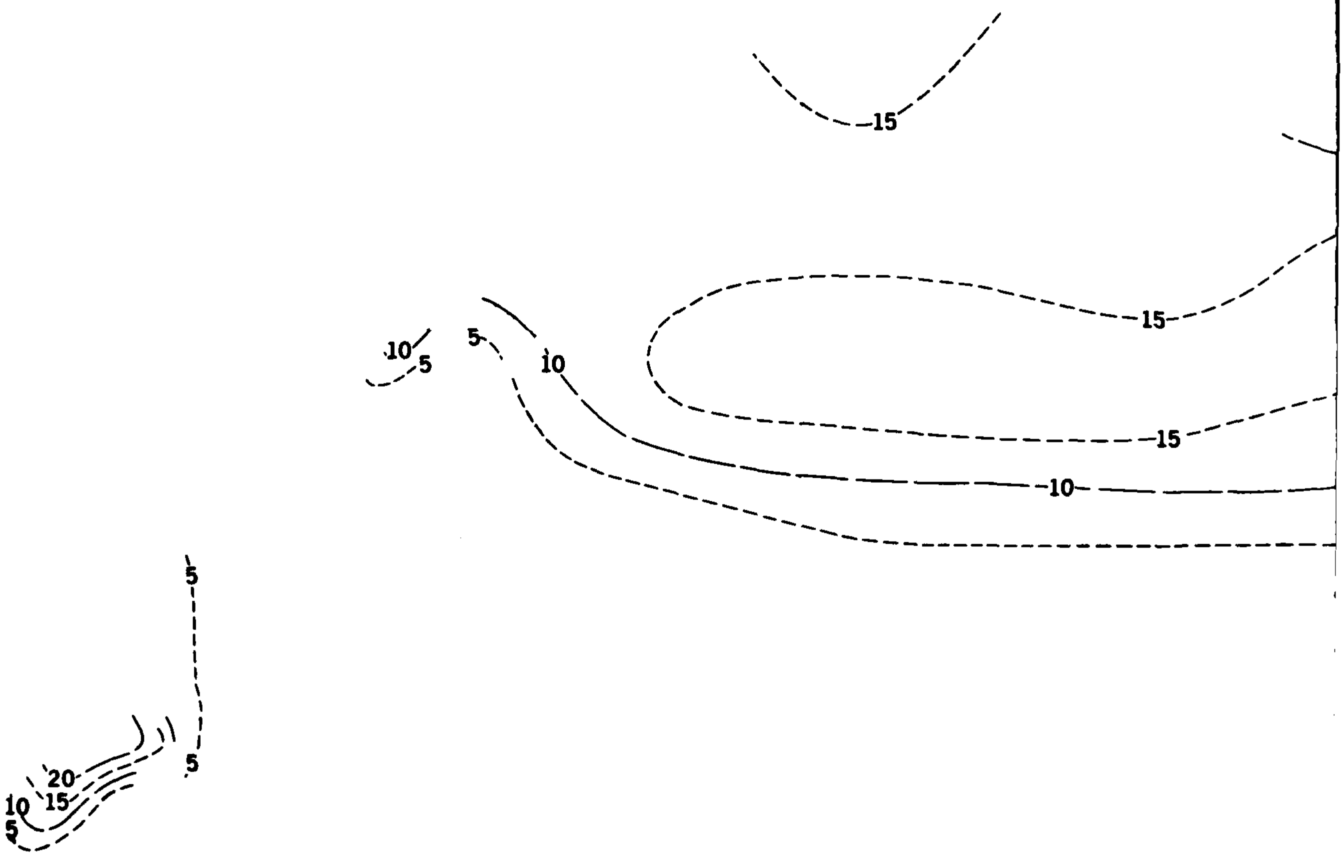
120
110

DECEMBER

WIND S

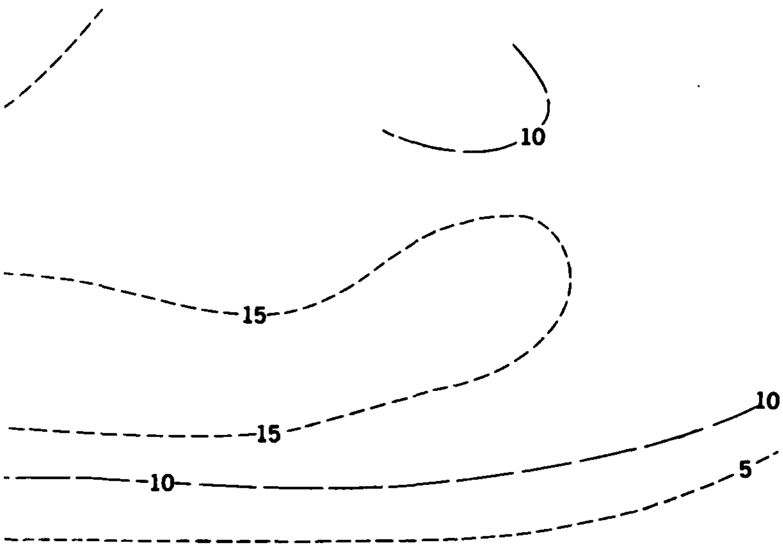
Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots



3

WIND SPEED (≤10 AND ≥34 KNOTS)

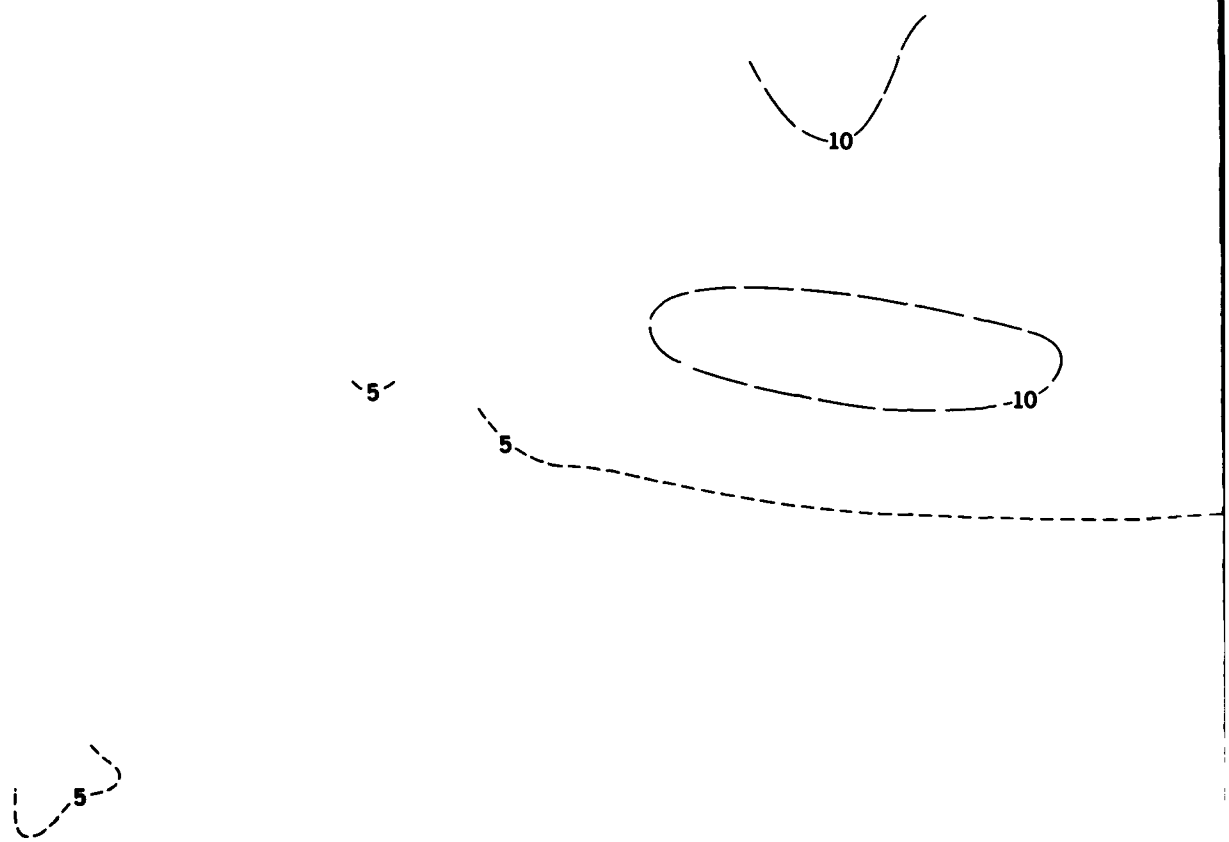


41

WIND SPEED (≤10 AND ≥34 KNOTS)

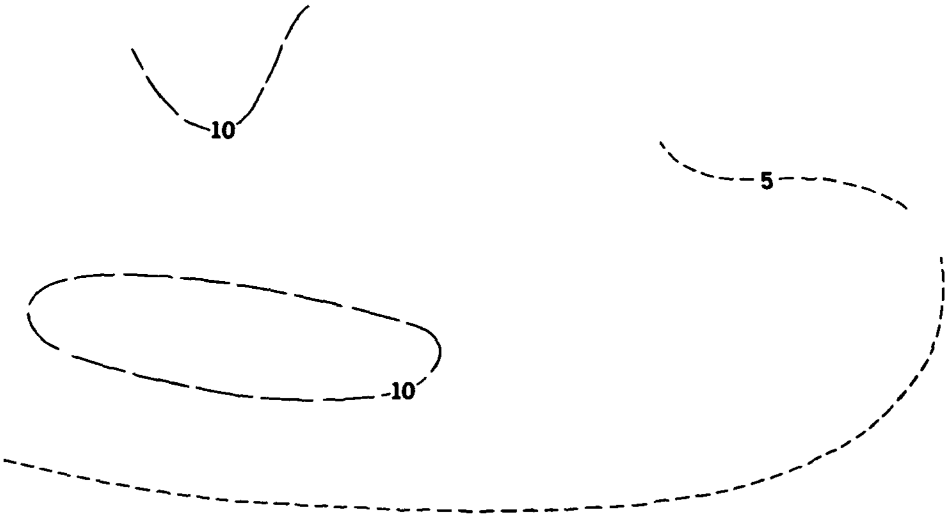
Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots



)

ANNUAL



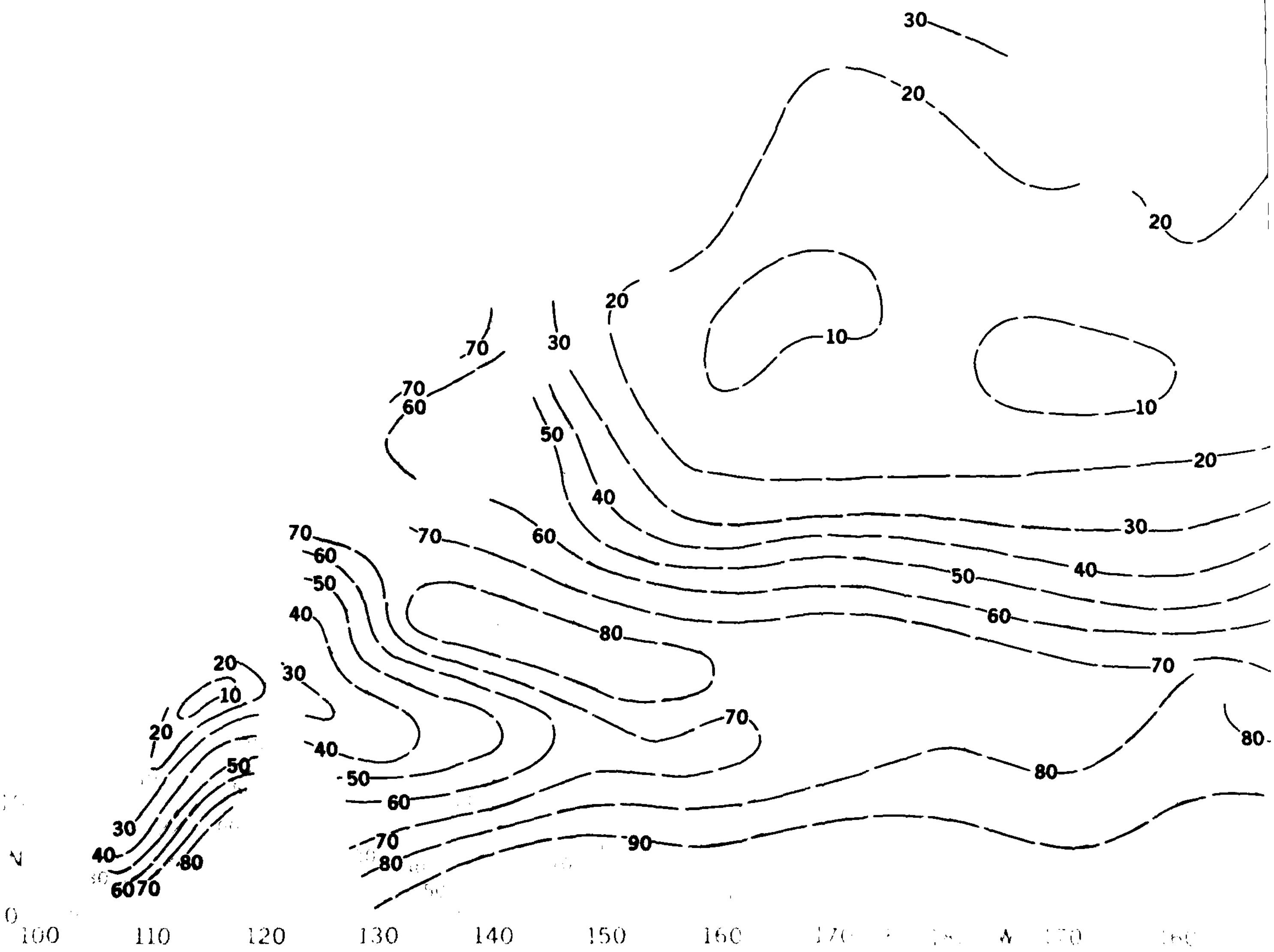
2

JANUARY

WA

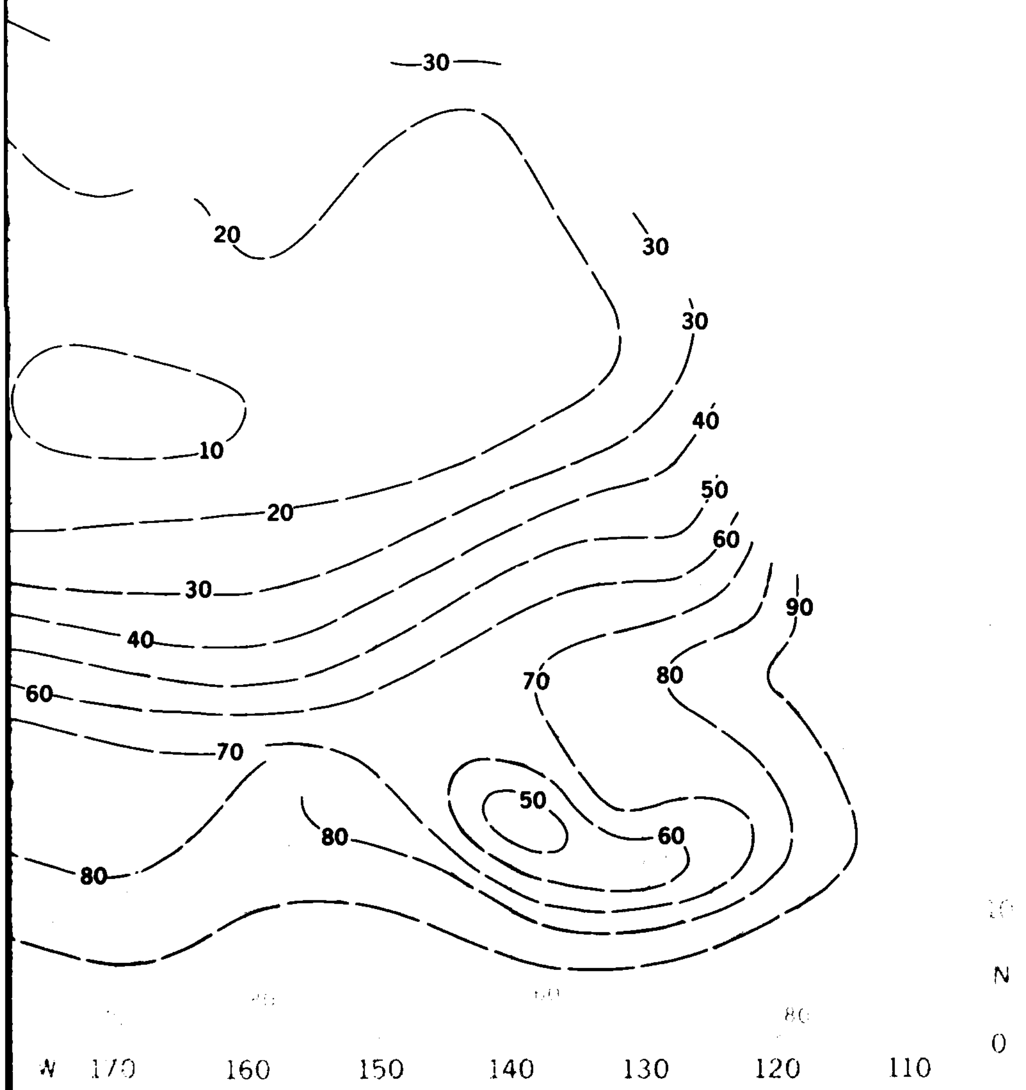
Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



3

WAVE HEIGHT (<5 AND <8 FEET)

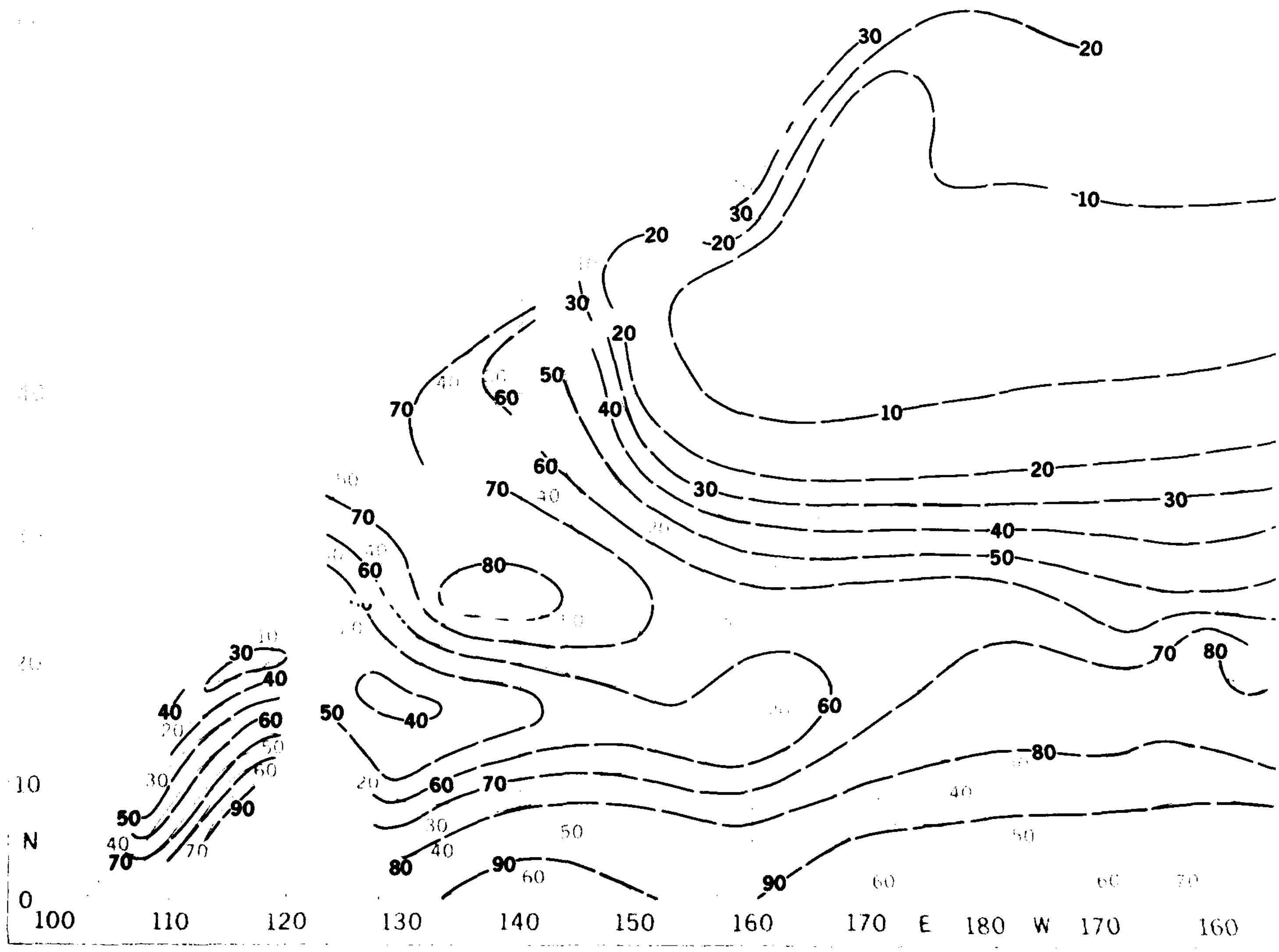


4

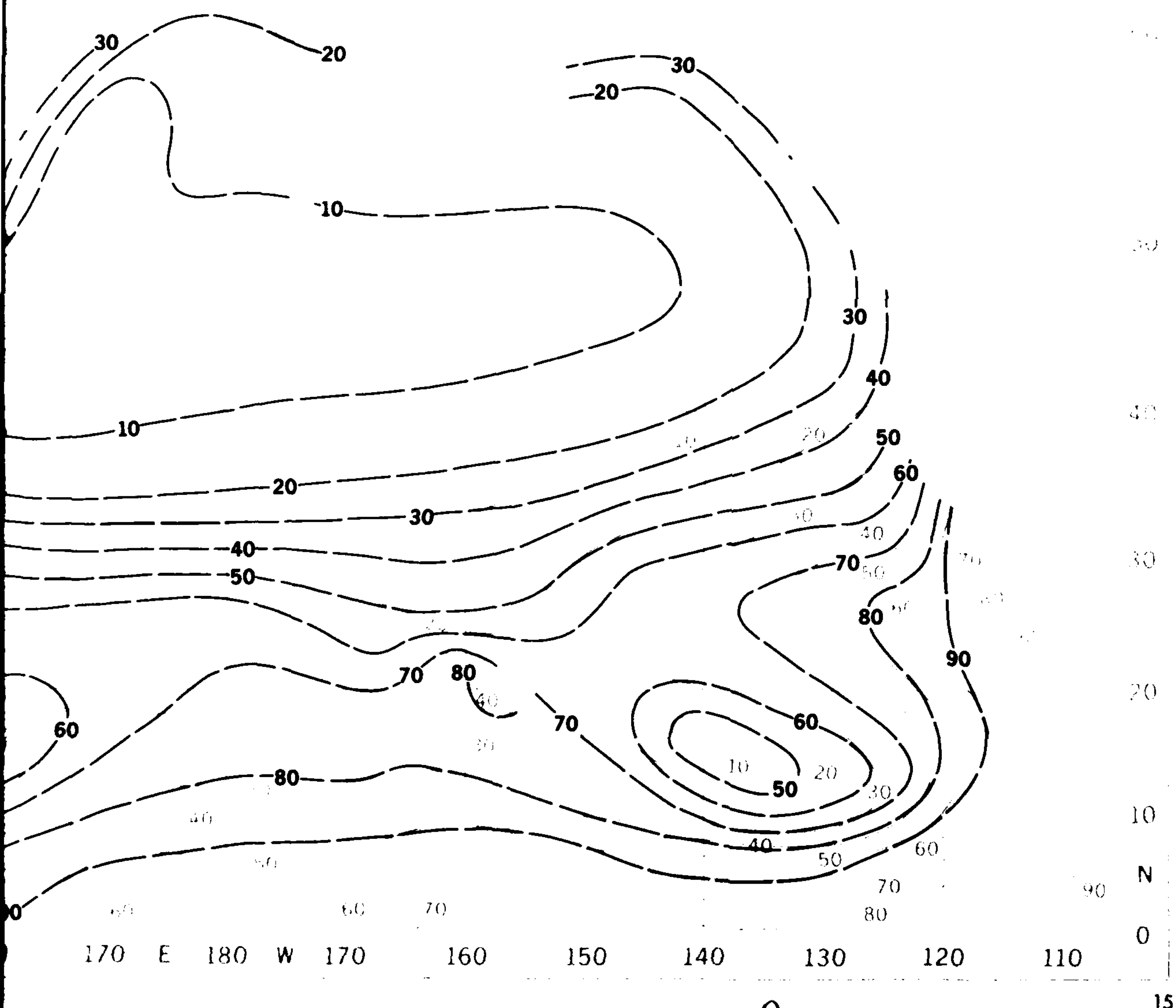
WAVE HEIGHT (<5 AND <8 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



FEBRUARY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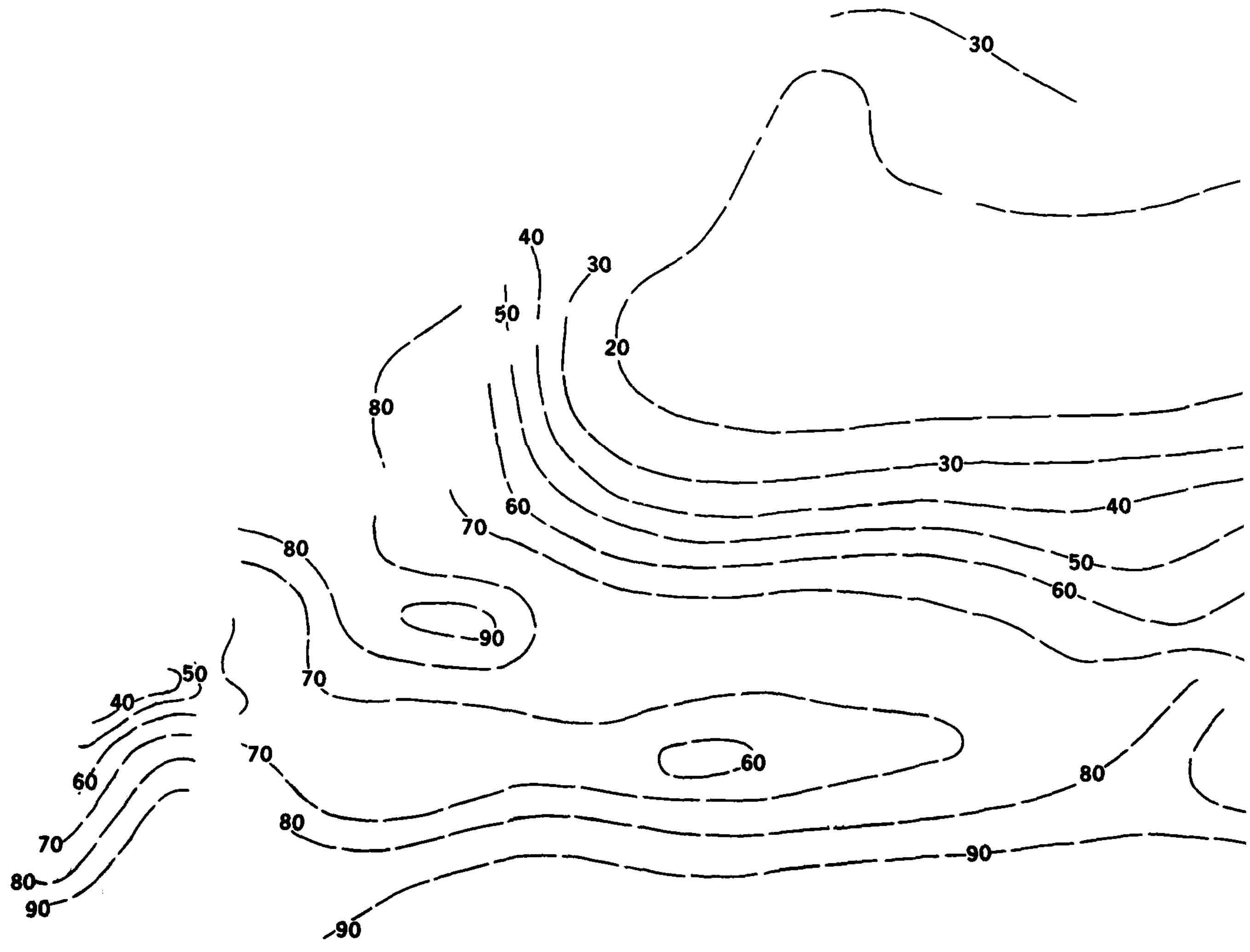
MARCH

W.

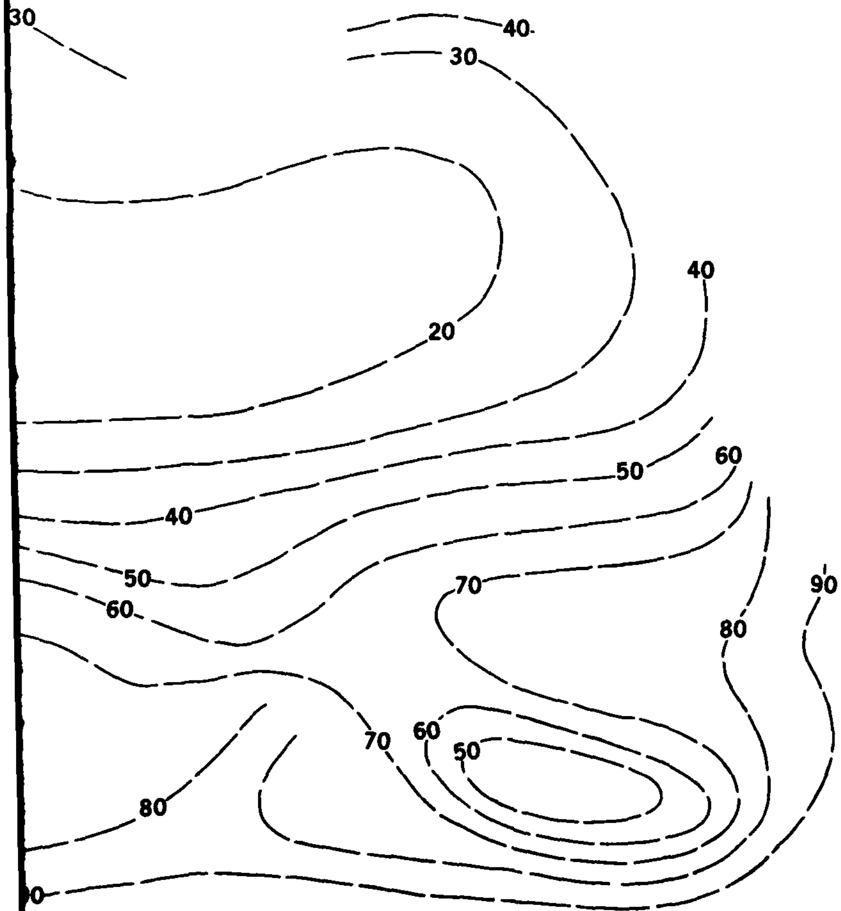
Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



3

WAVE HEIGHT (<5 AND <8 FEET)

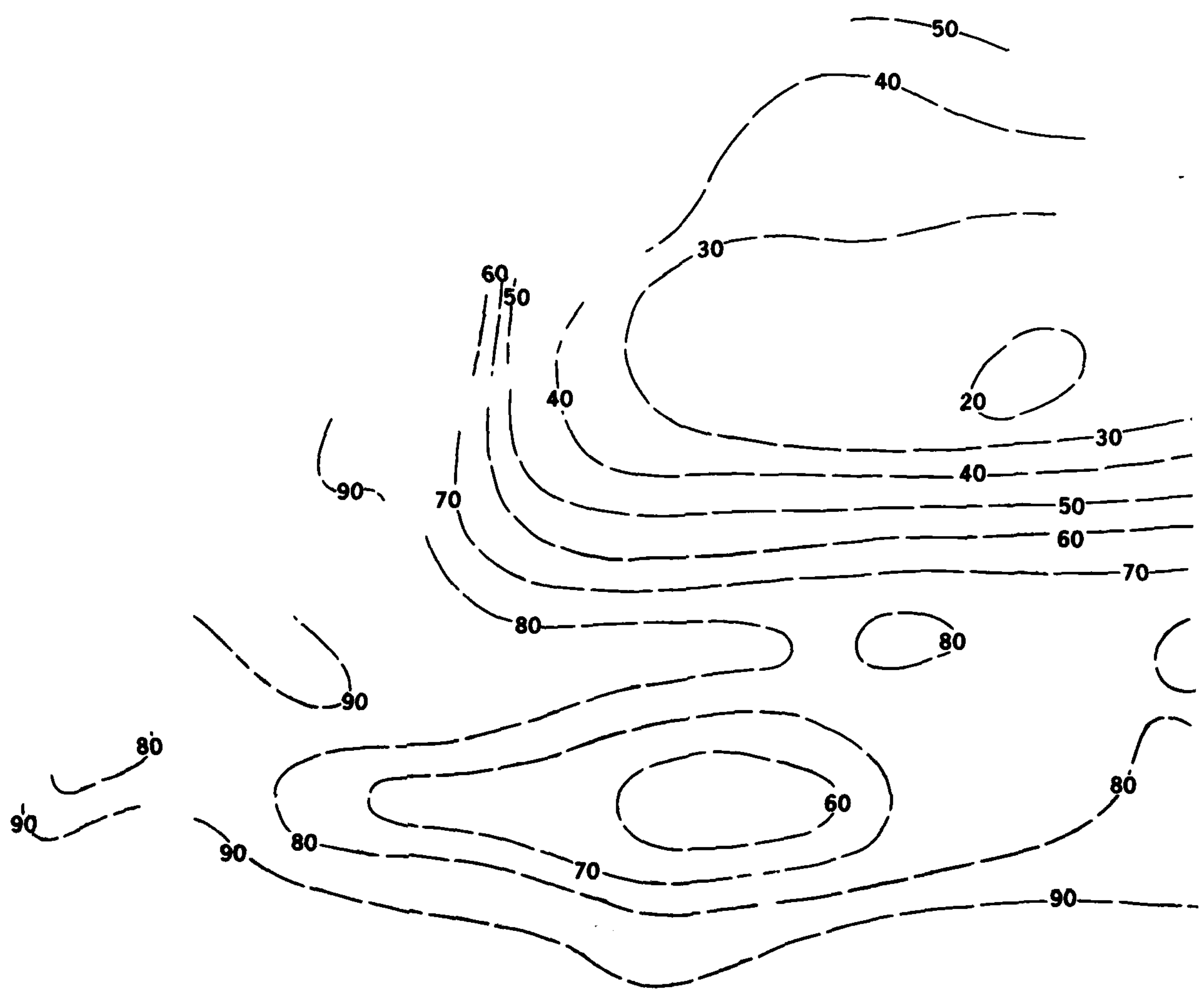


4

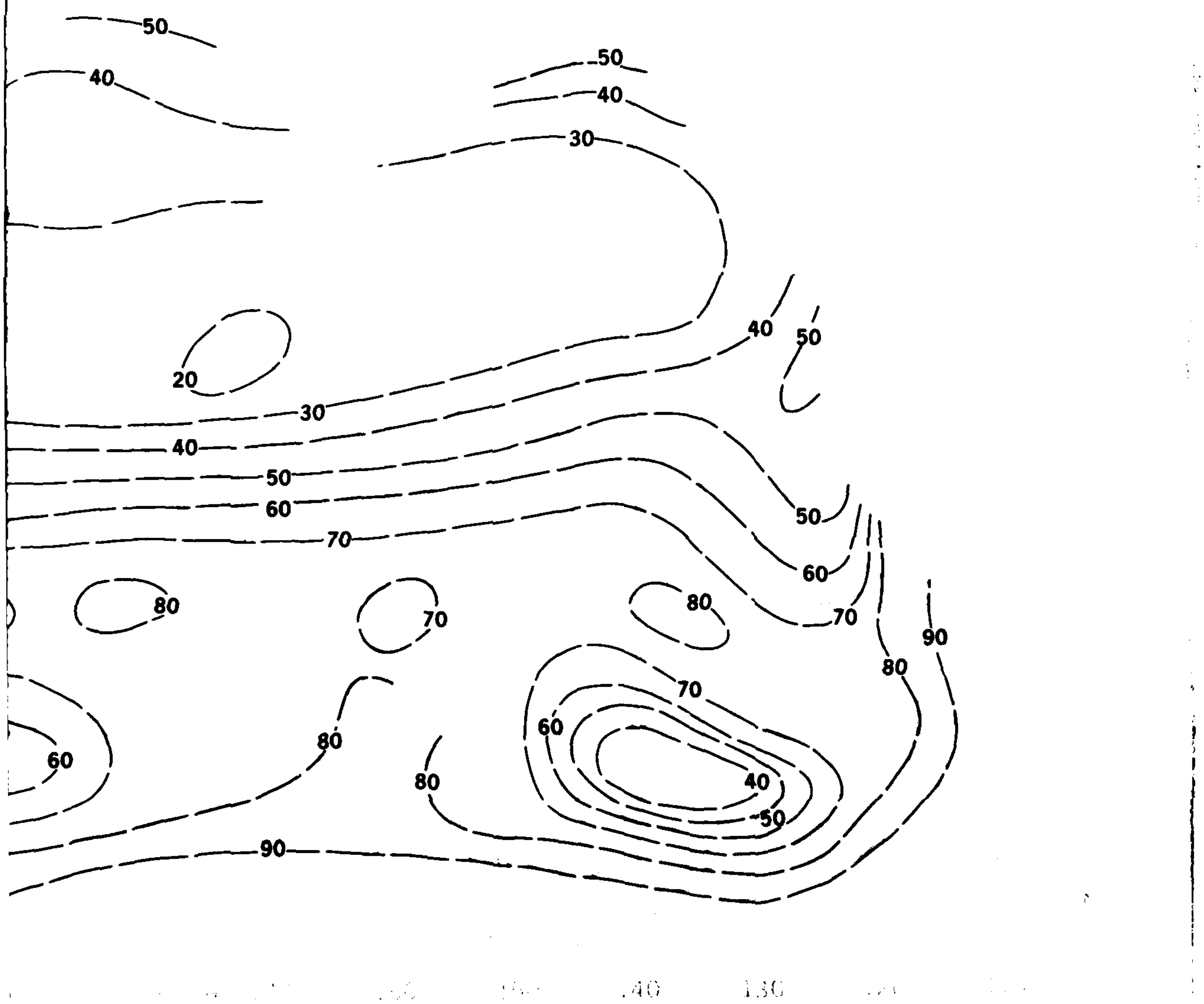
WAVE HEIGHT (<5 AND <8 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



APRIL



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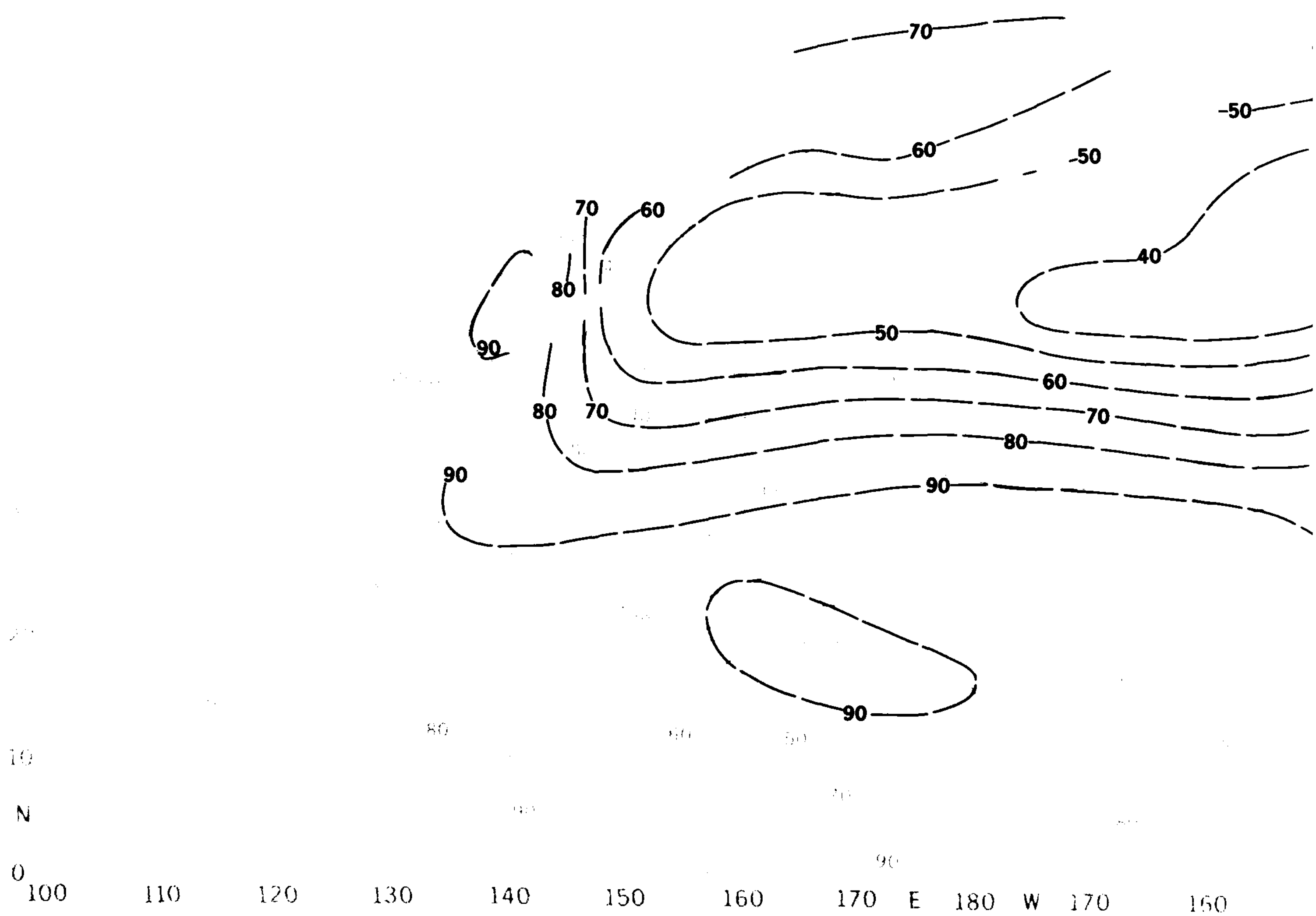
2

MAY

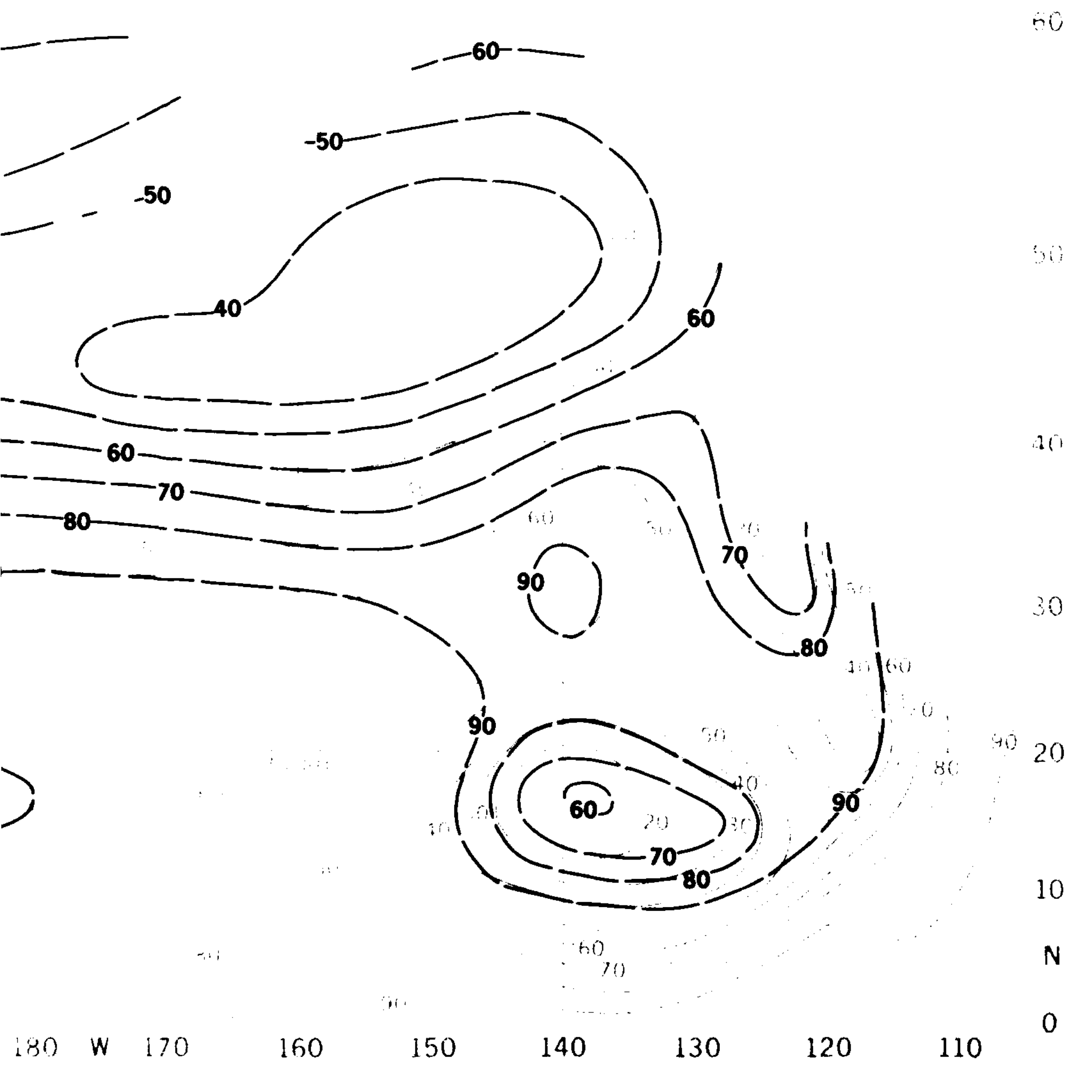
WAV

Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



WAVE HEIGHT (<5 AND <8 FEET)

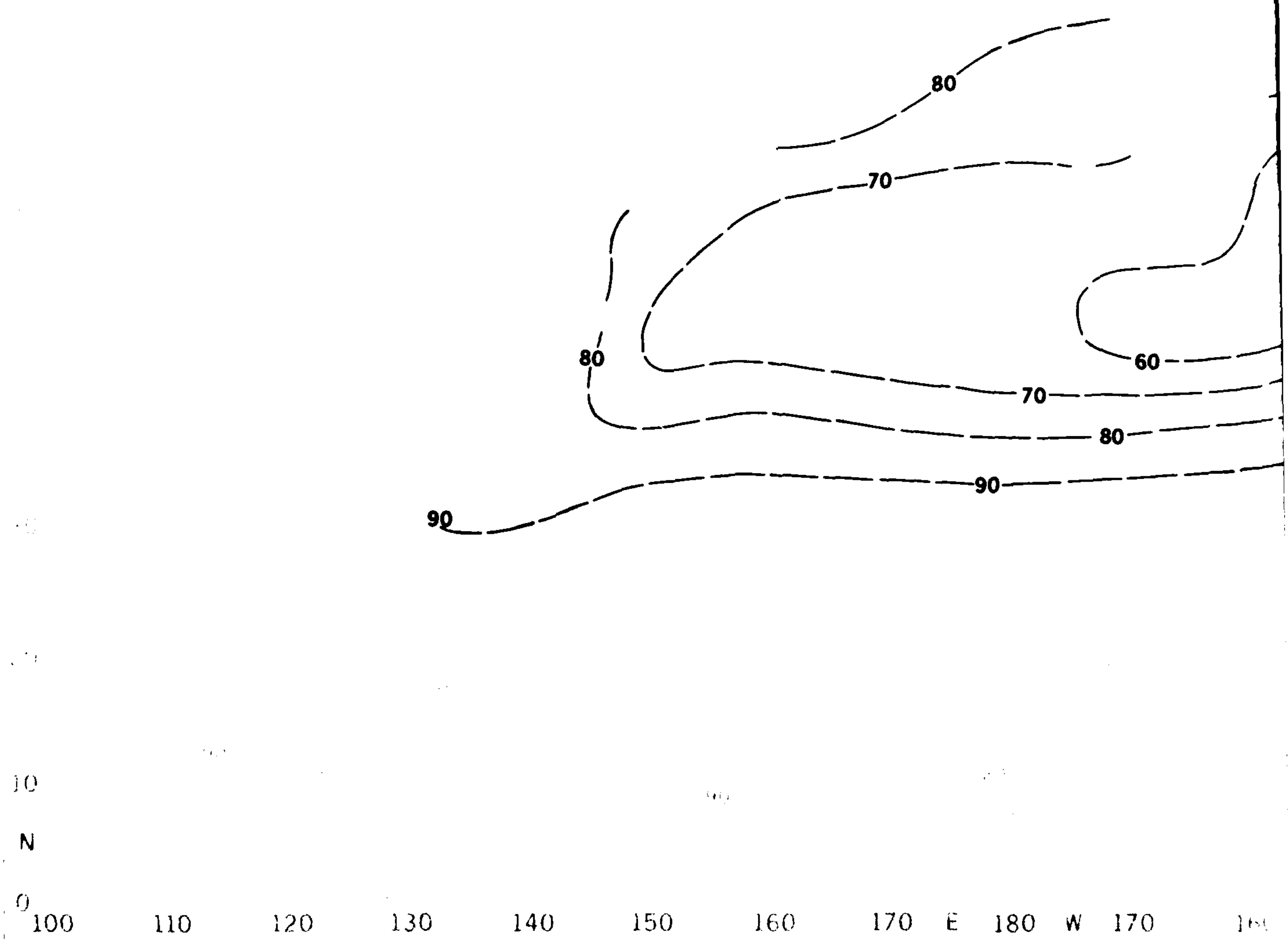


4

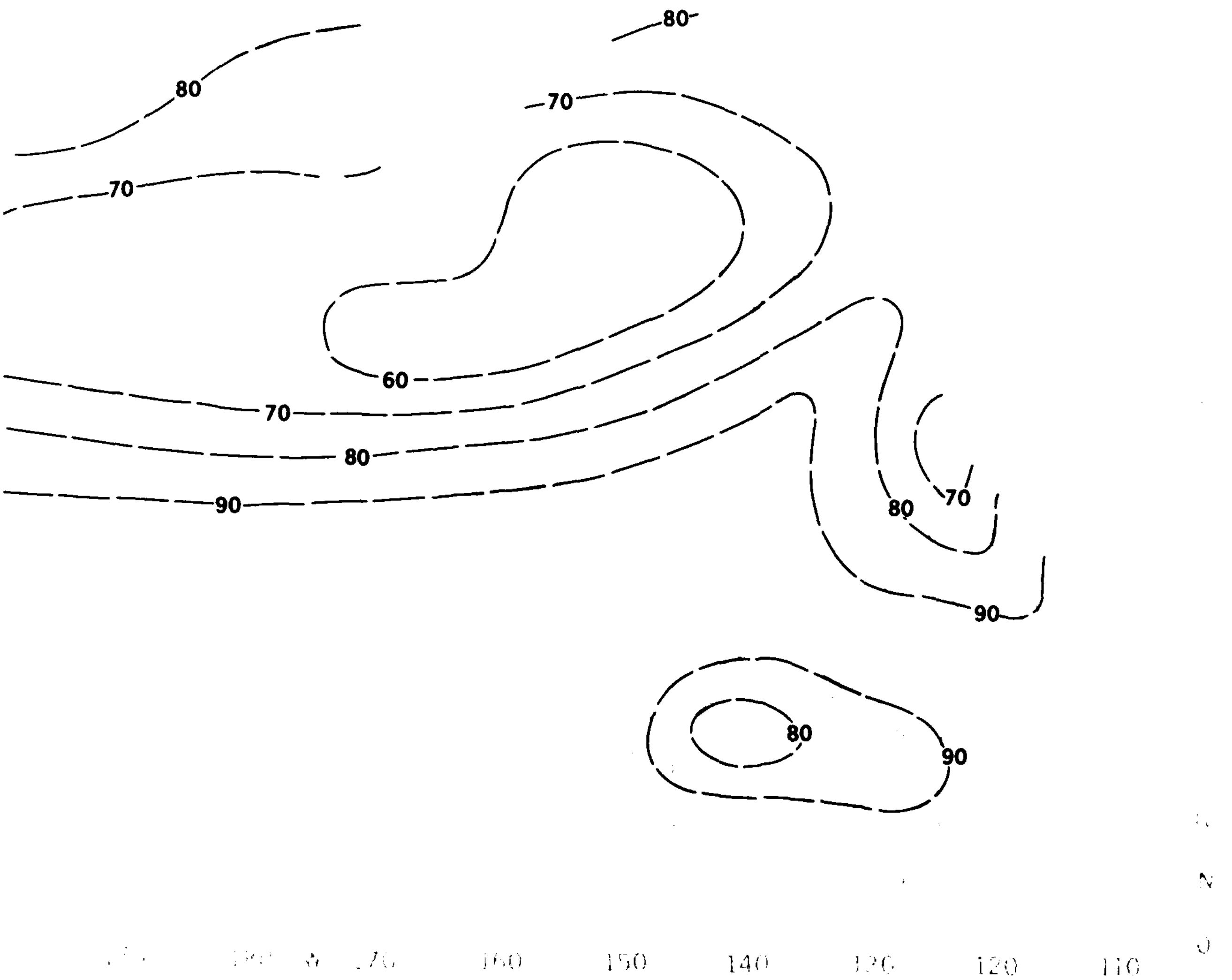
WAVE HEIGHT (<5 AND <8 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



JUNE



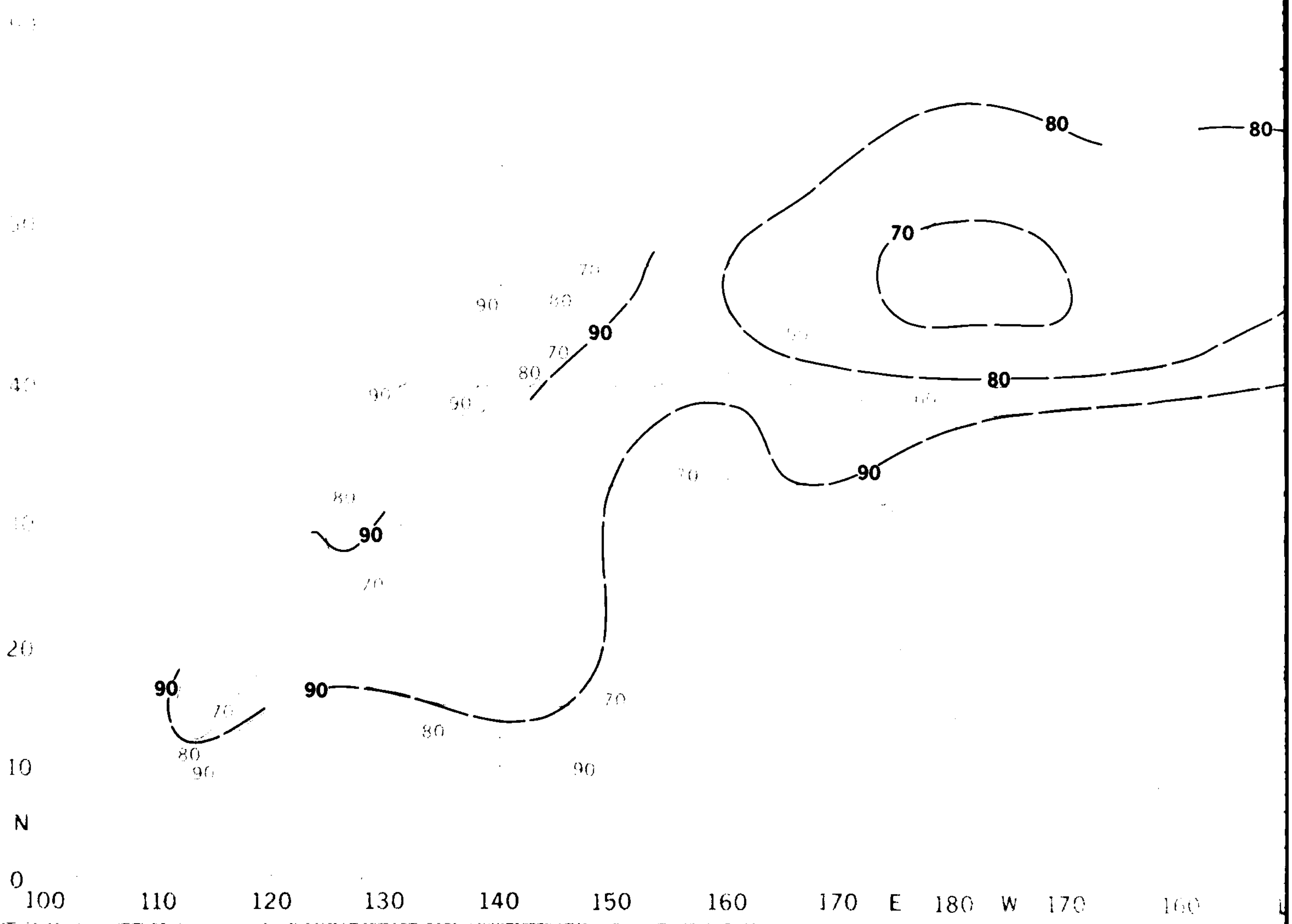
2

JULY

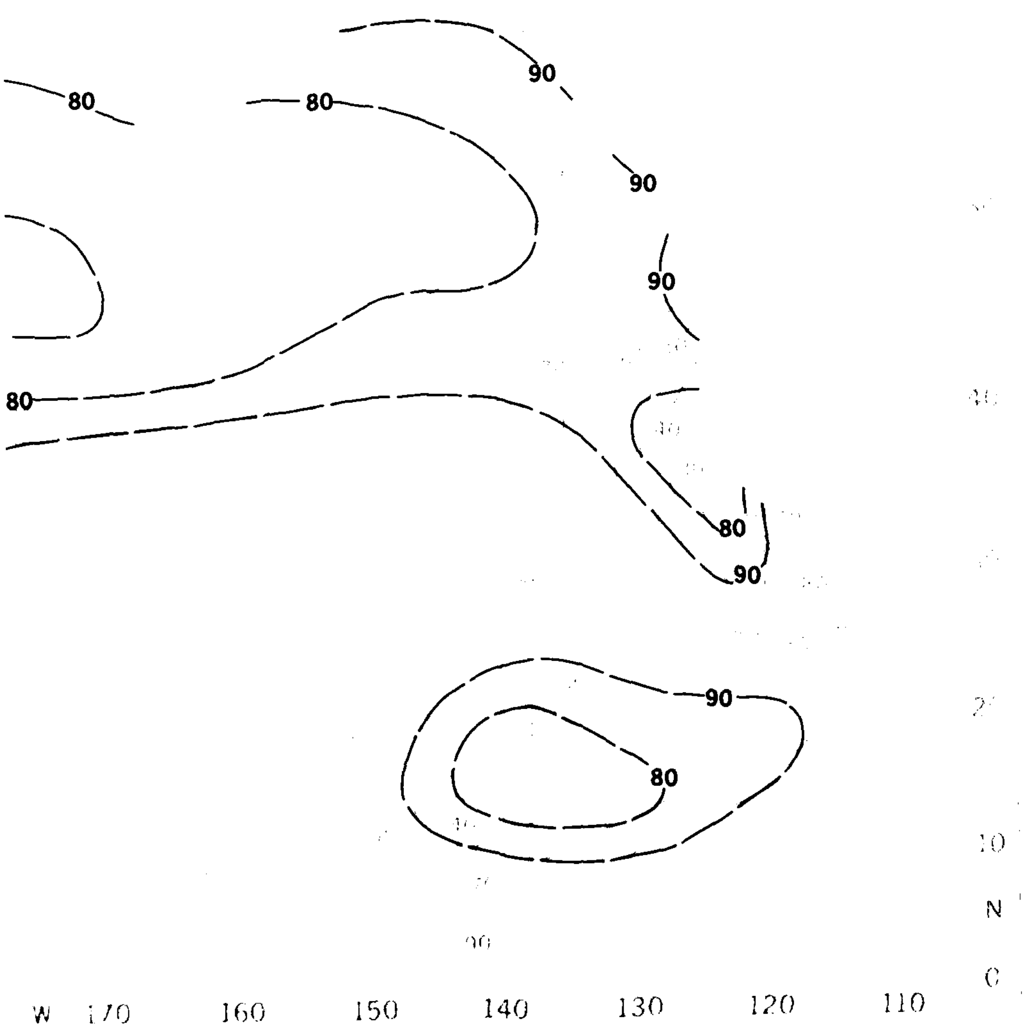
WAV

Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



WAVE HEIGHT (<5 AND <8 FEET)

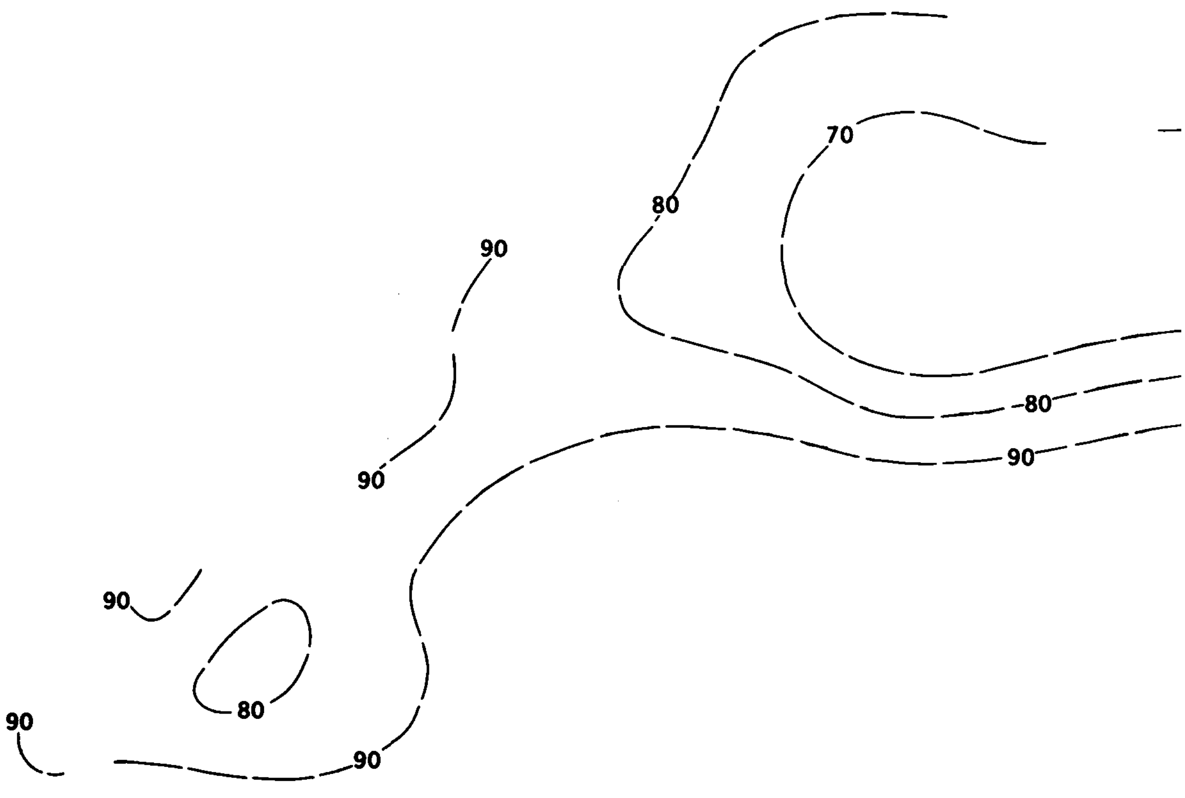


4

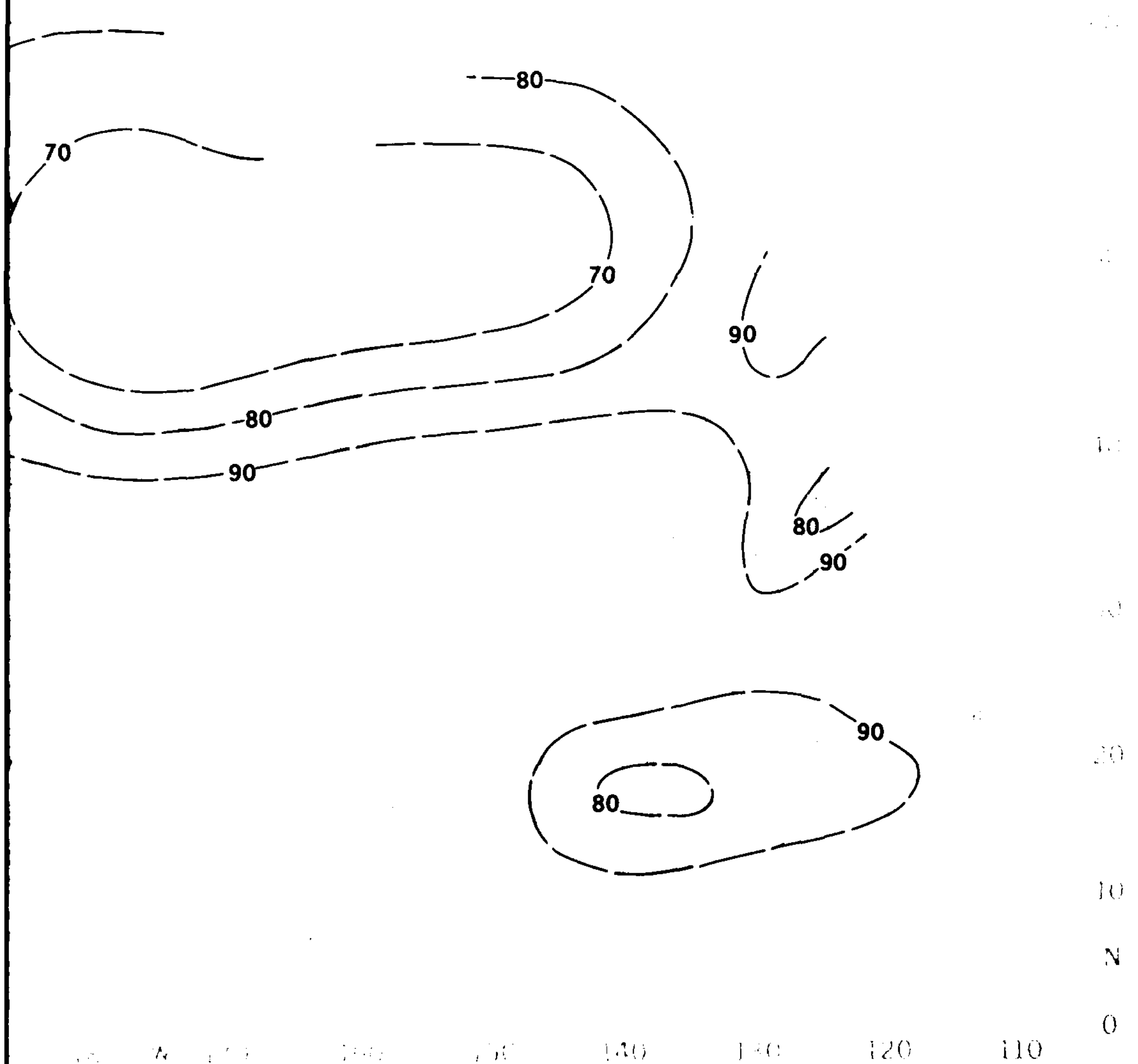
WAVE HEIGHT (<5 AND <8 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



AUGUST

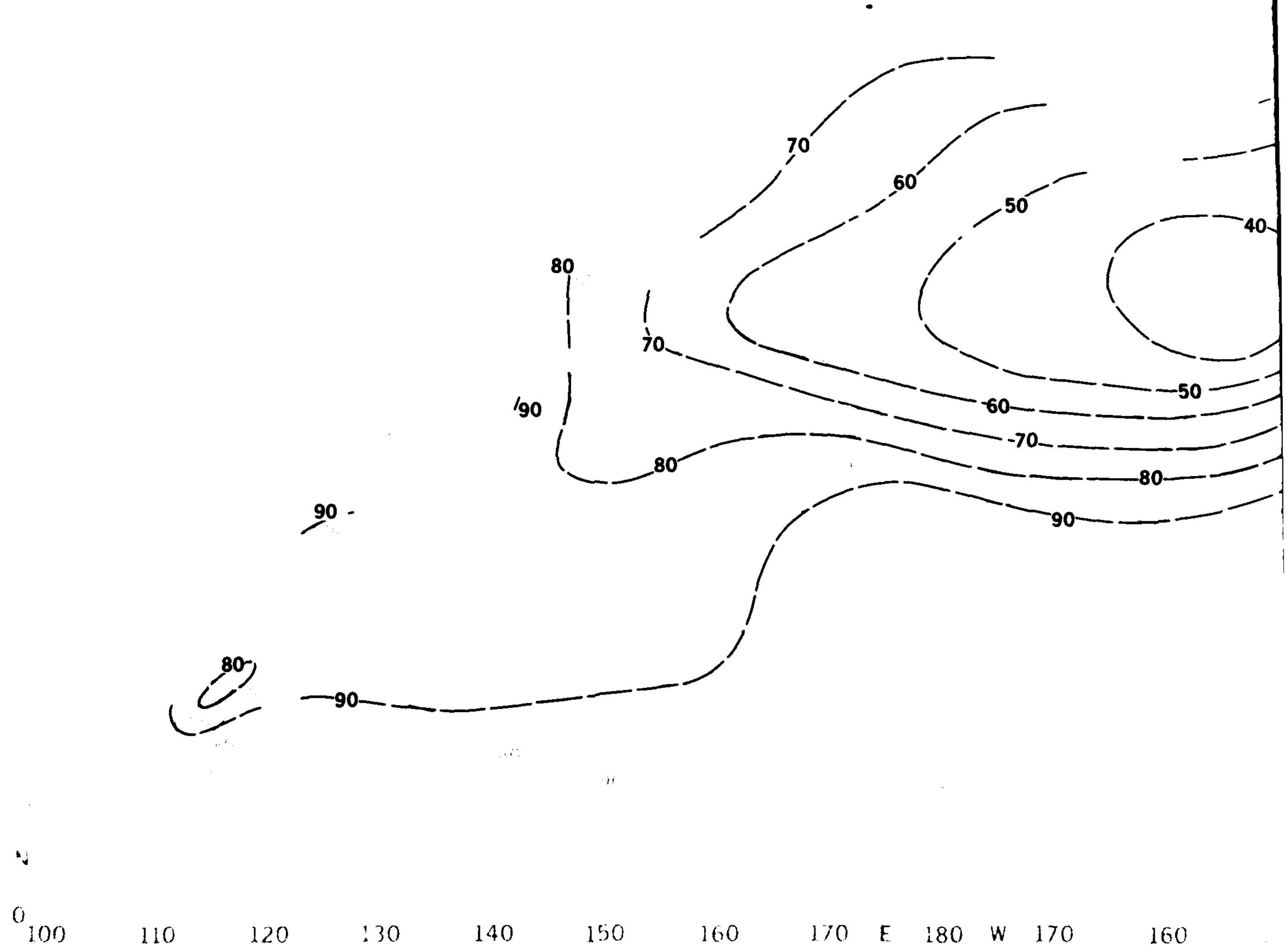


2

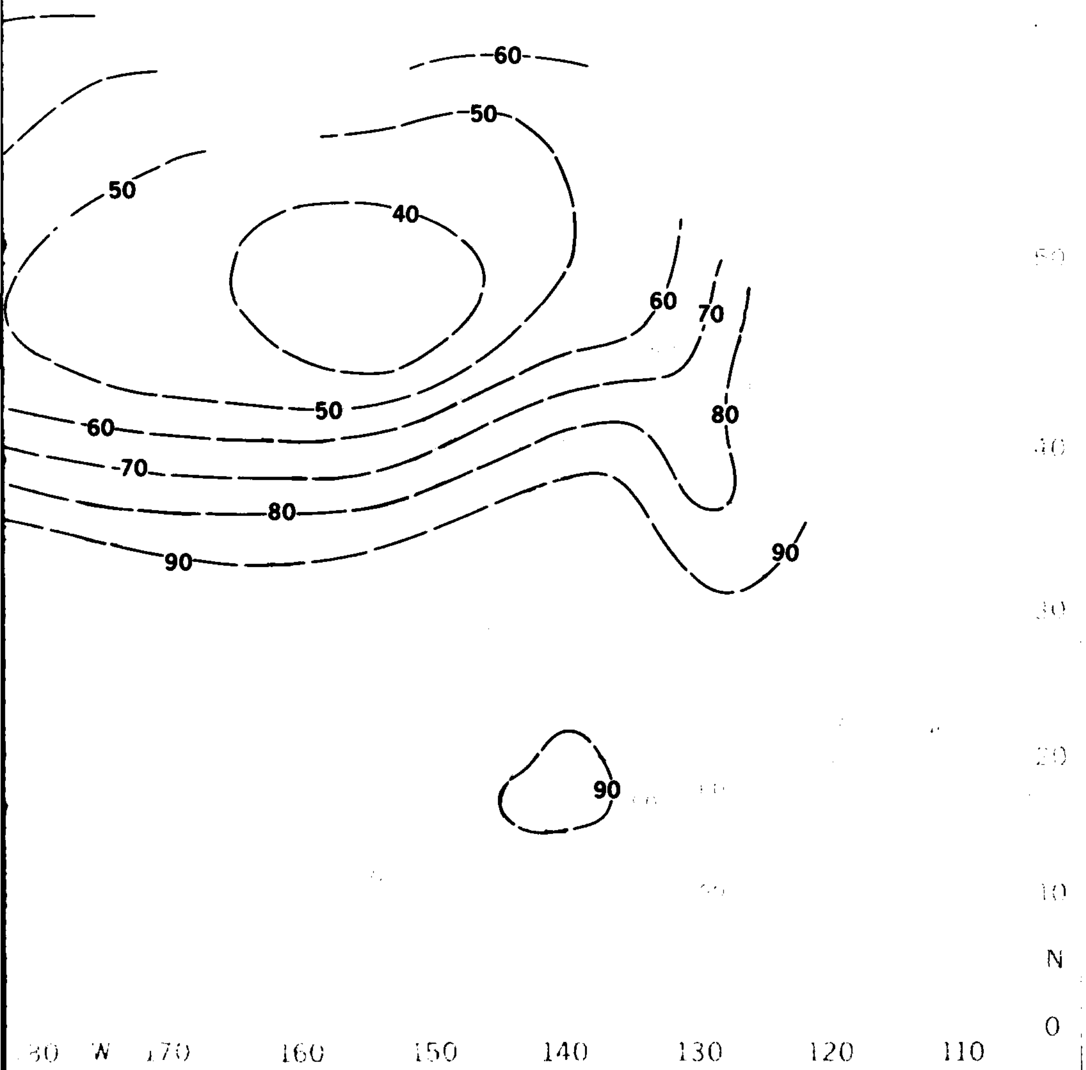
SEPTEMBER WAV

Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



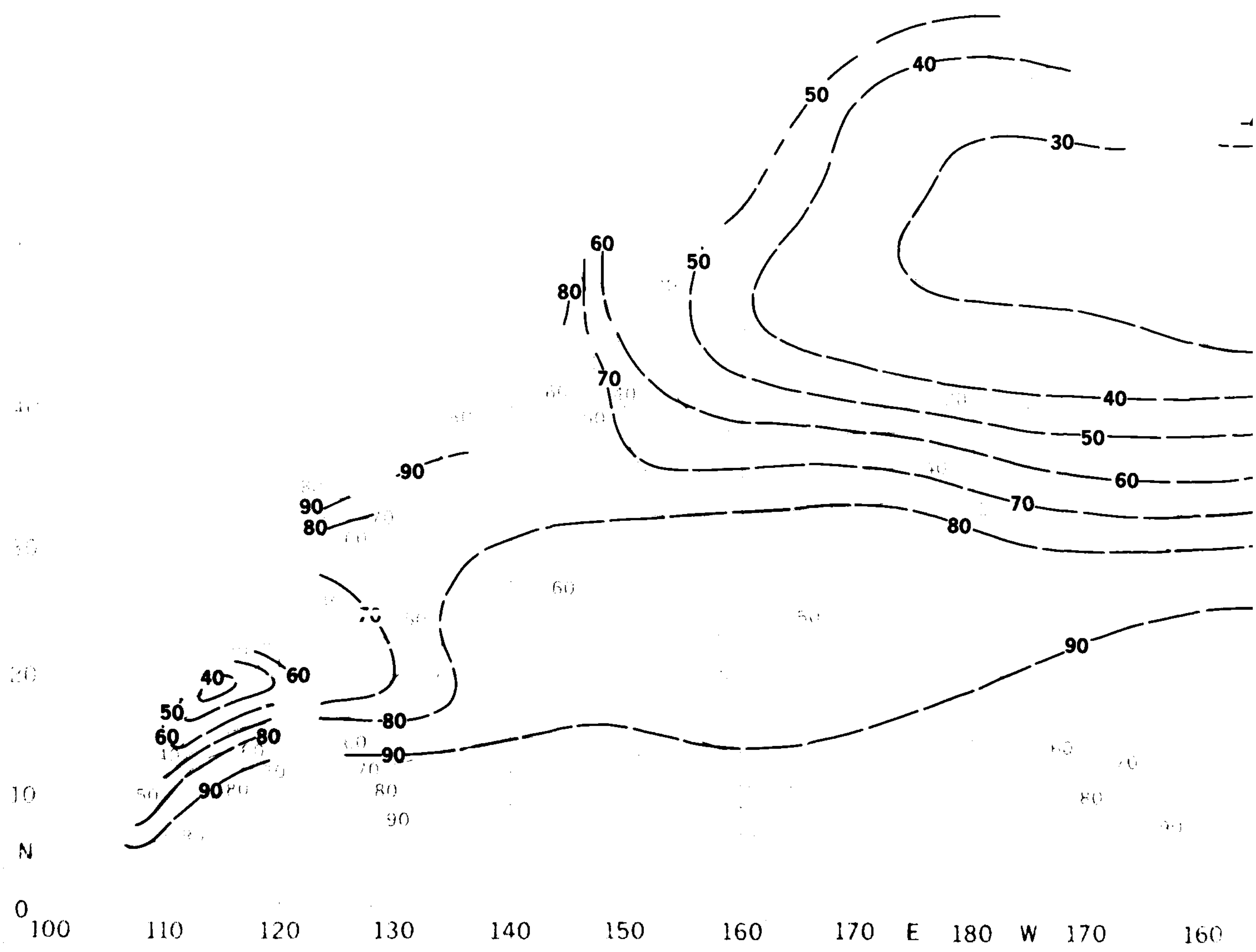
WAVE HEIGHT (<5 AND <8 FEET)



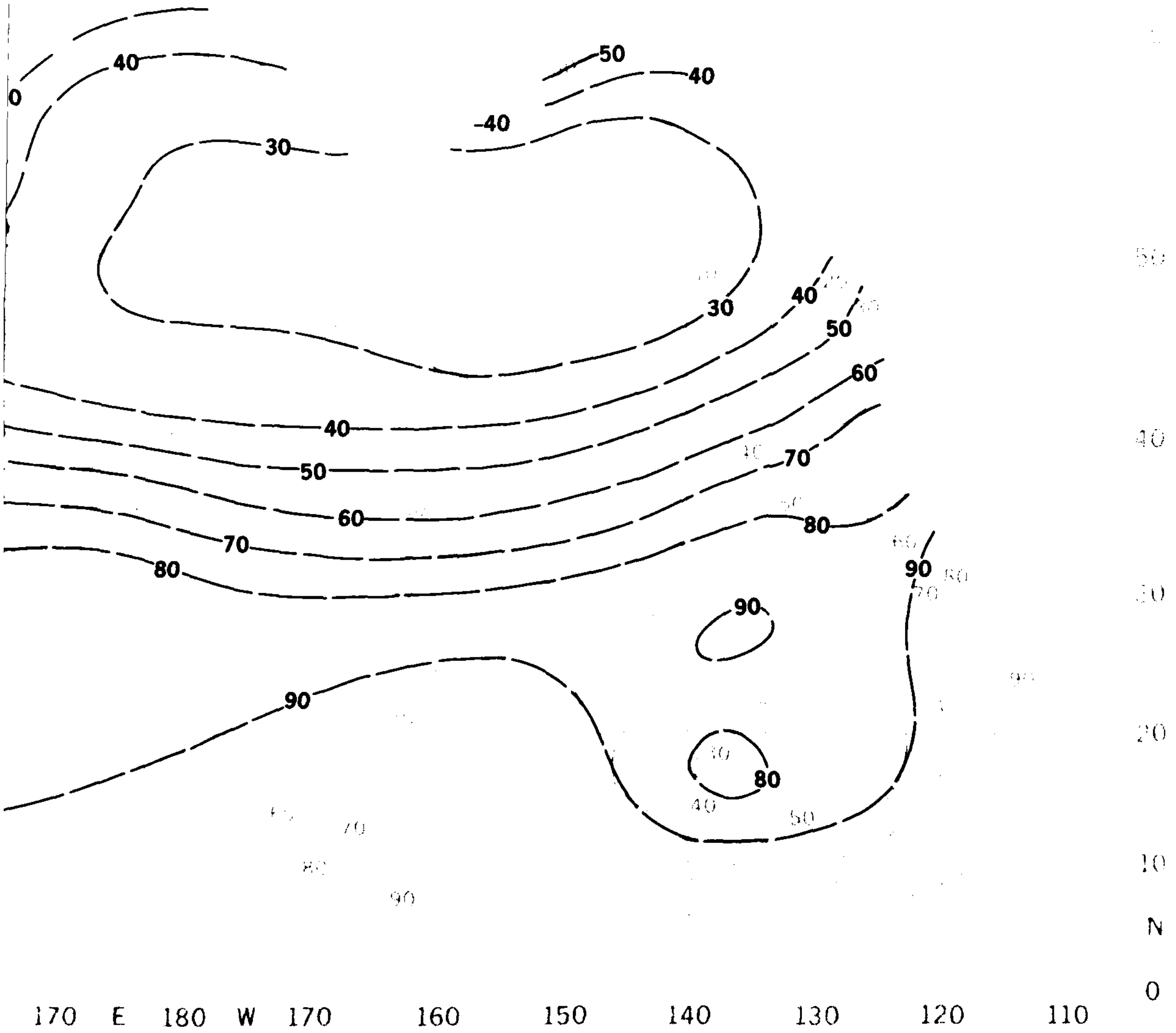
WAVE HEIGHT (<5 AND <8 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



OCTOBER



40
50
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70
60
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90
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80
170 E 180 W 170 160 150 140 130 120 110
50
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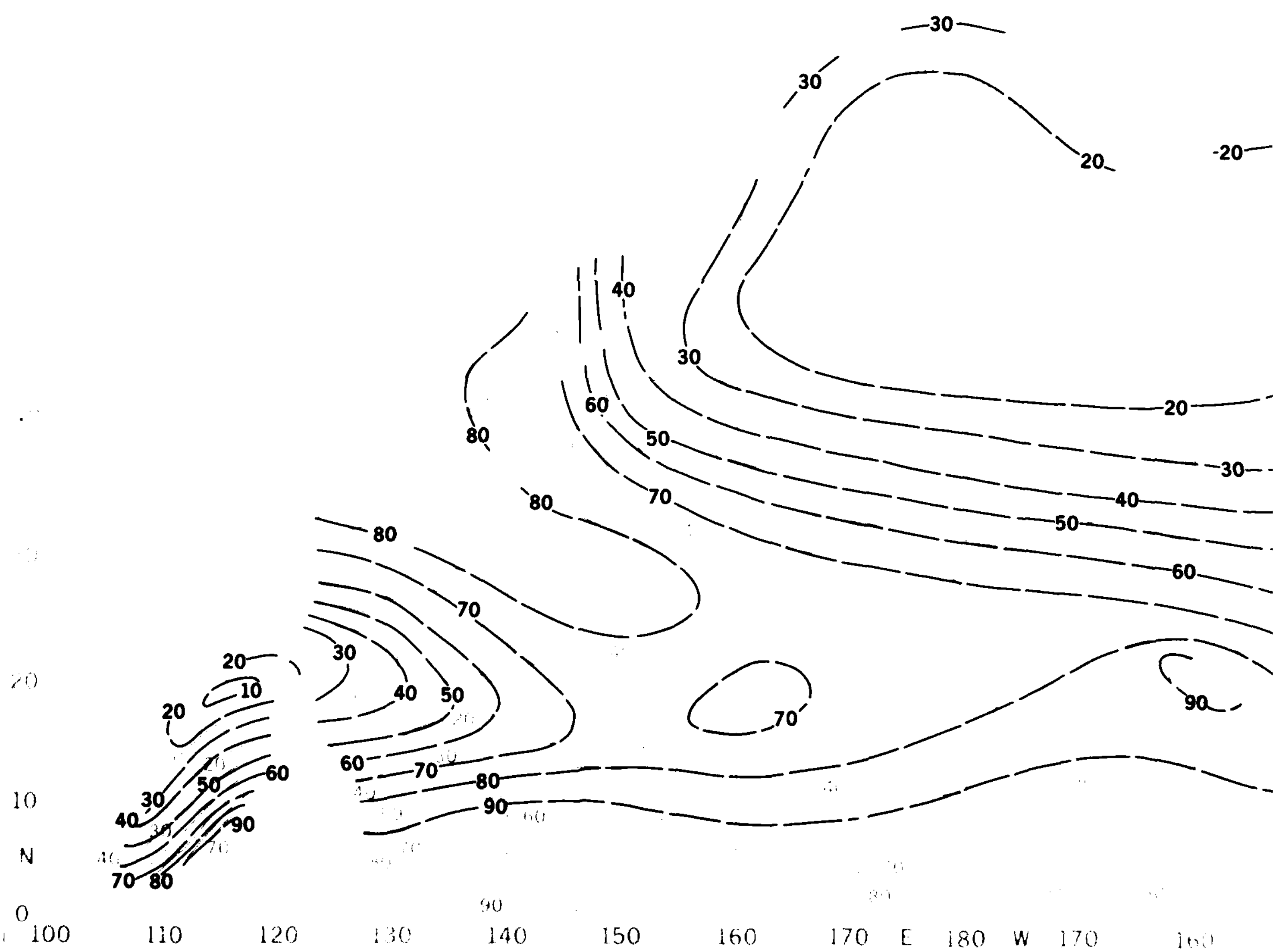
10
N
0

2

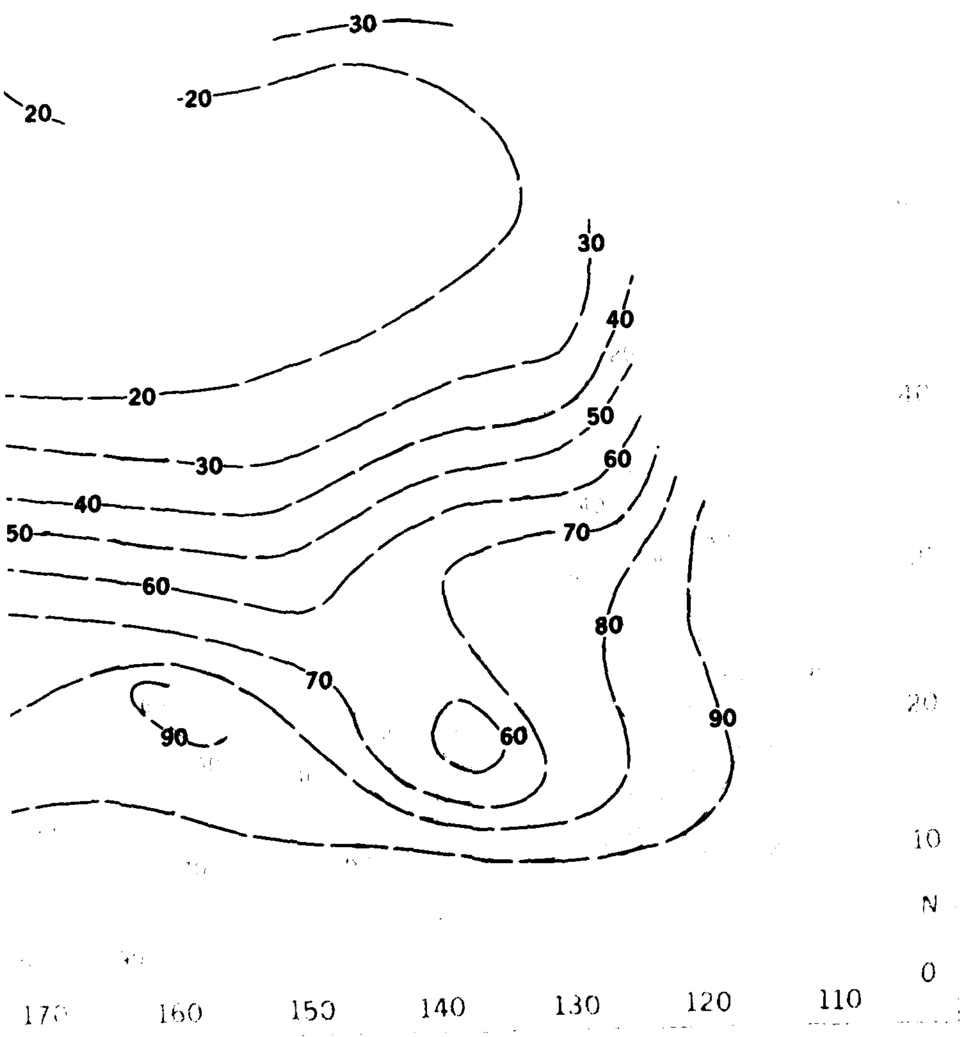
NOVEMBER WA

Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



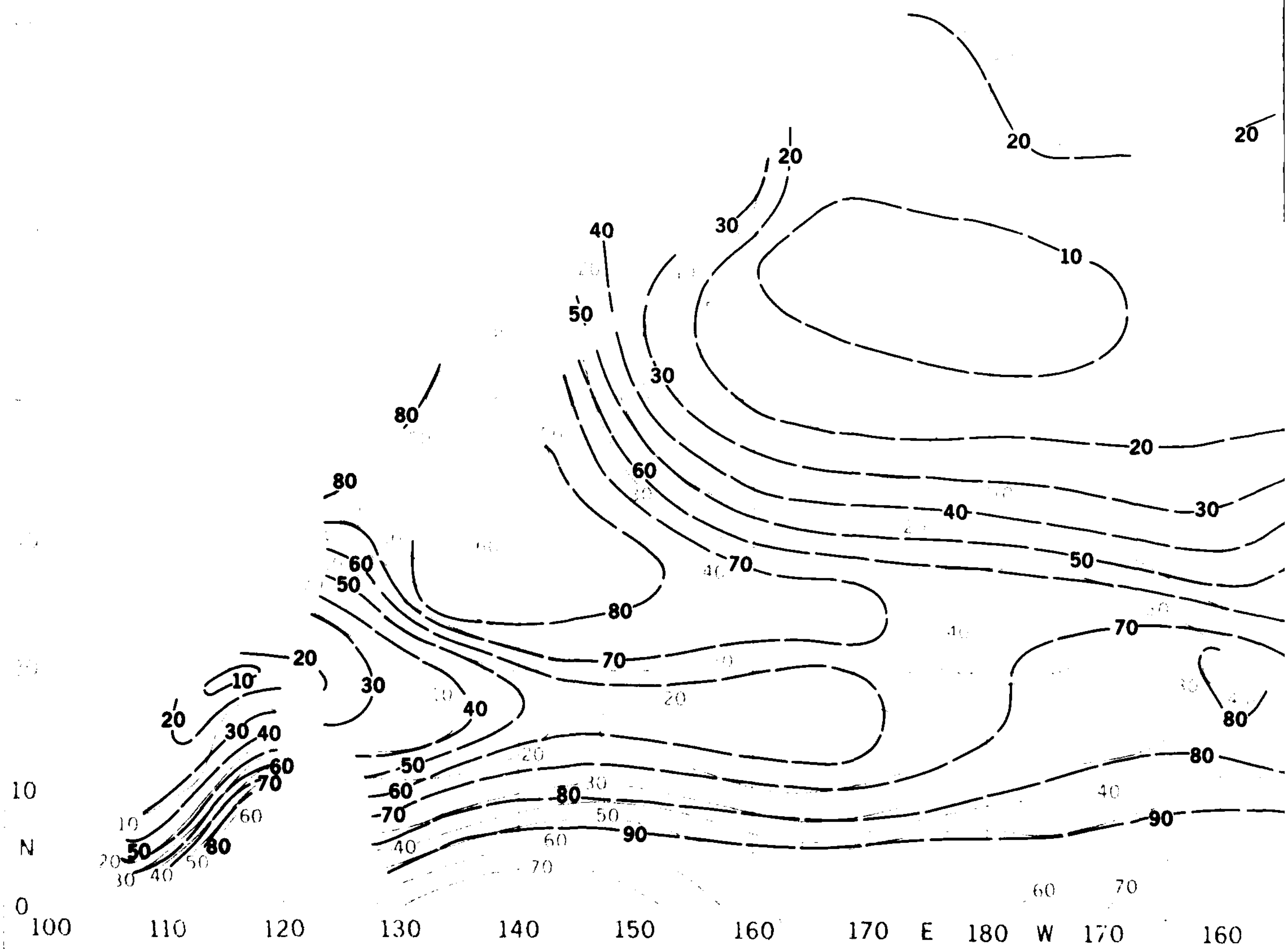
WAVE HEIGHT (<5 AND <8 FEET)



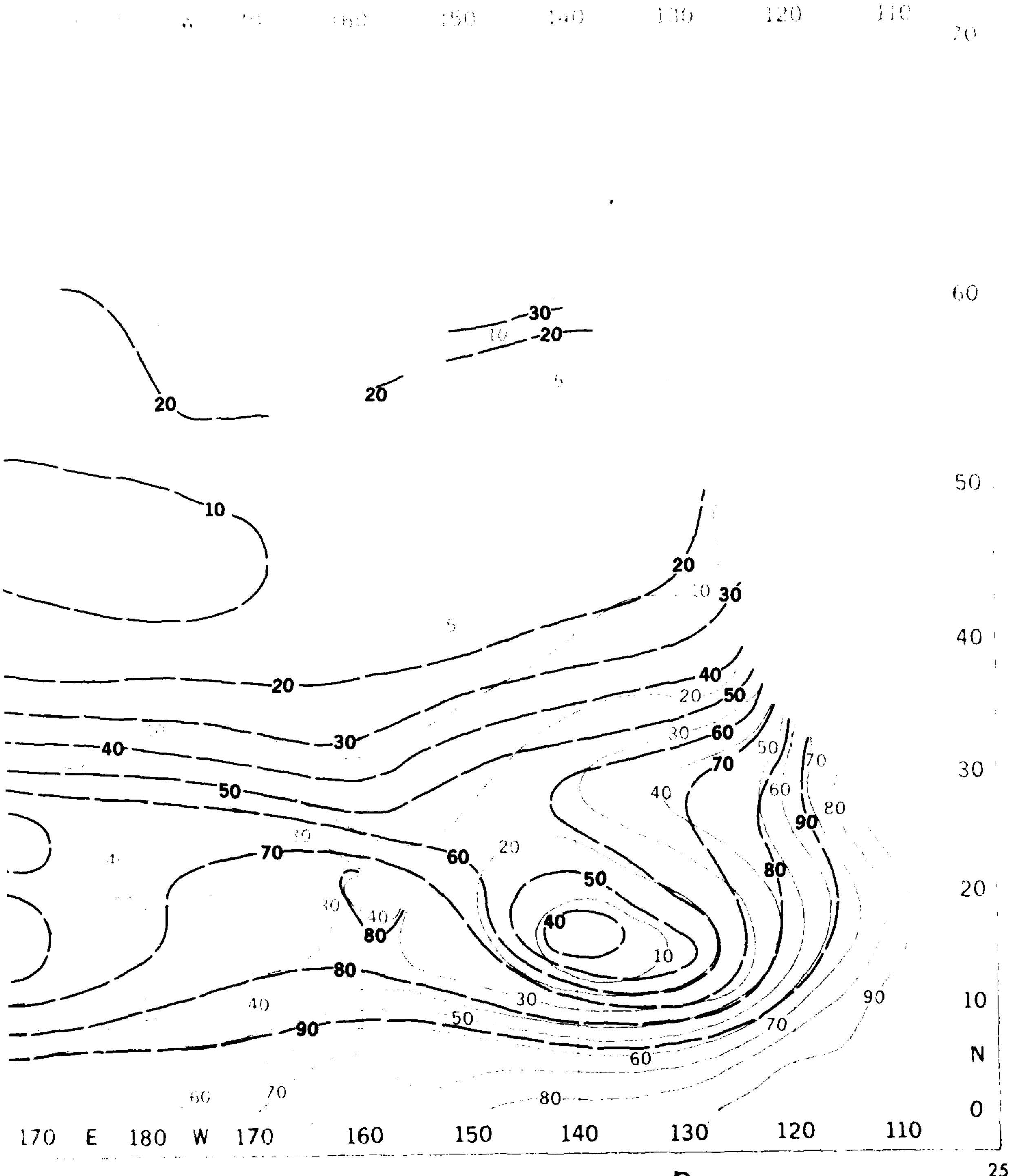
WAVE HEIGHT (<5 AND <8 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



DECEMBER

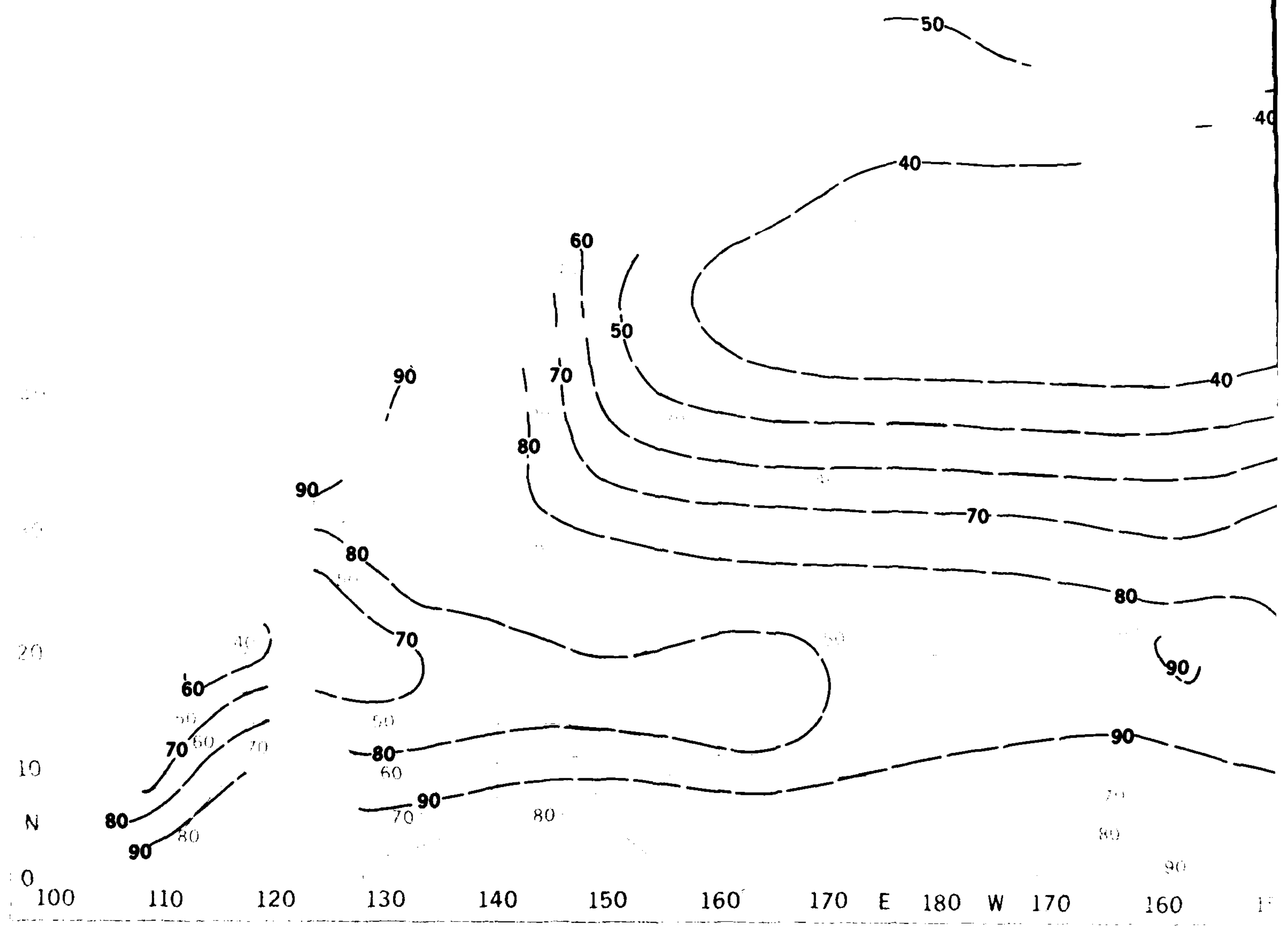


2

ANNUAL WAV

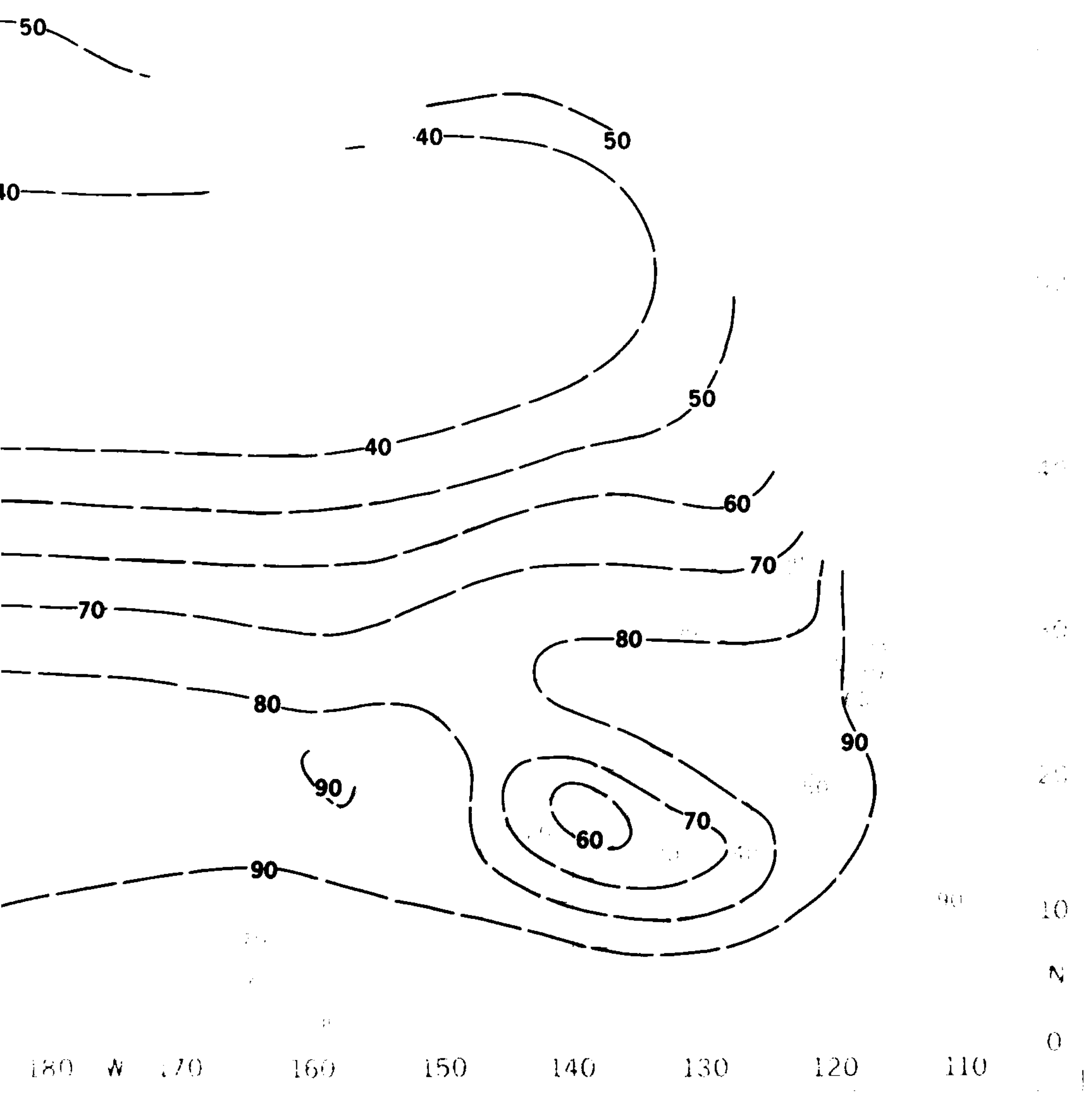
Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)



3

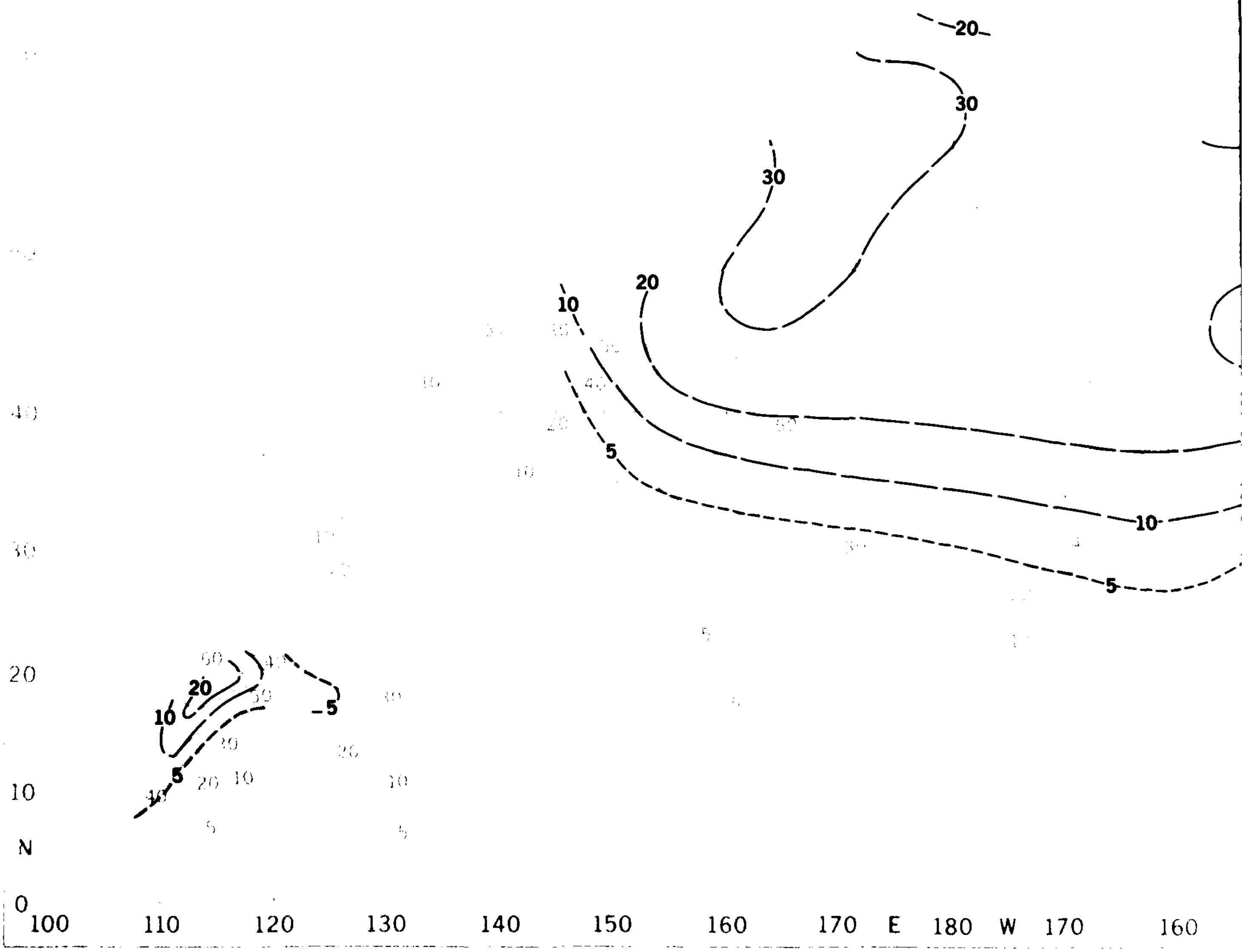
WAVE HEIGHT (<5 AND <8 FEET)



WAVE HEIGHT (≥12 AND ≥20 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights ≥20 feet (≥6.1 meters)



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JANUARY

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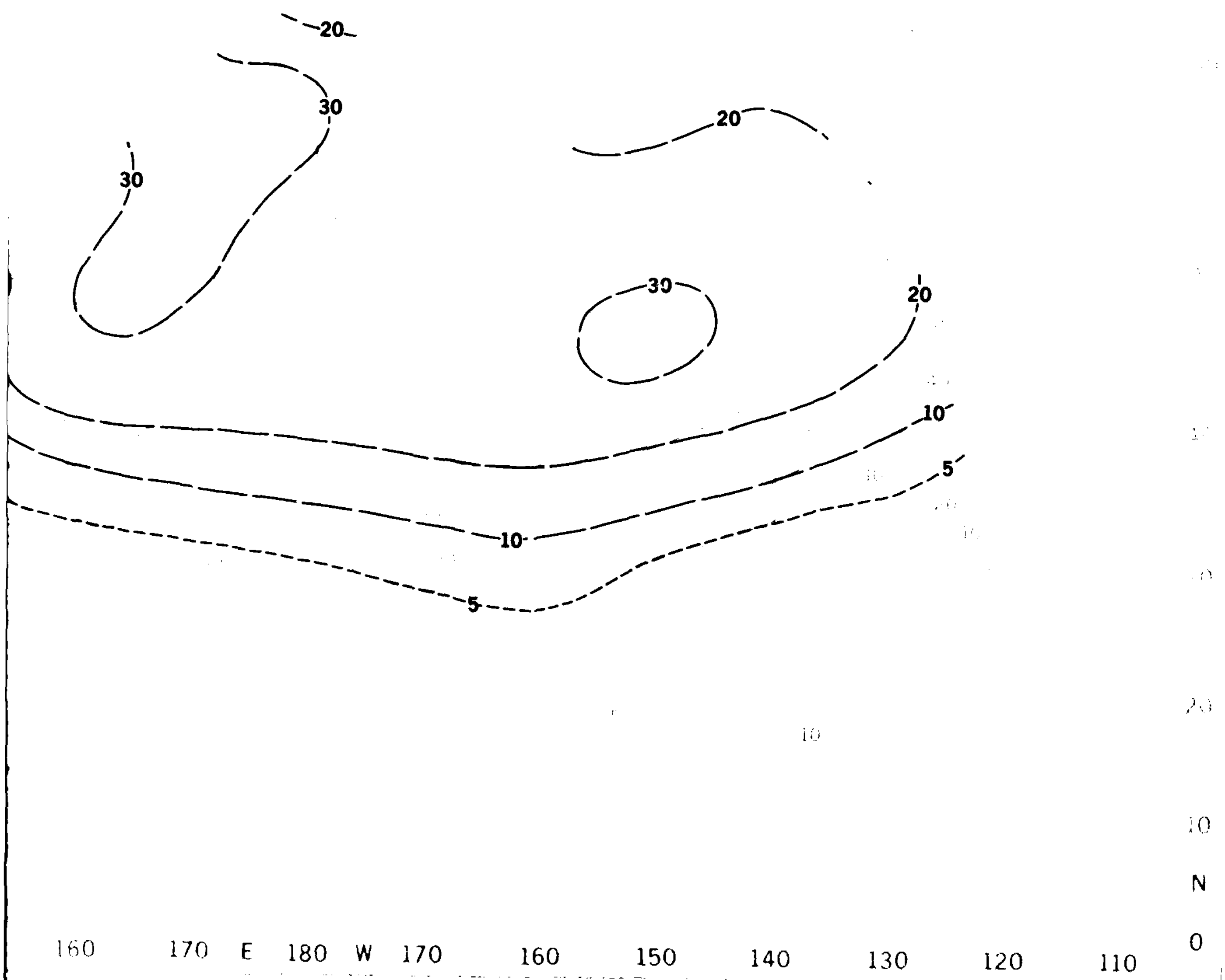


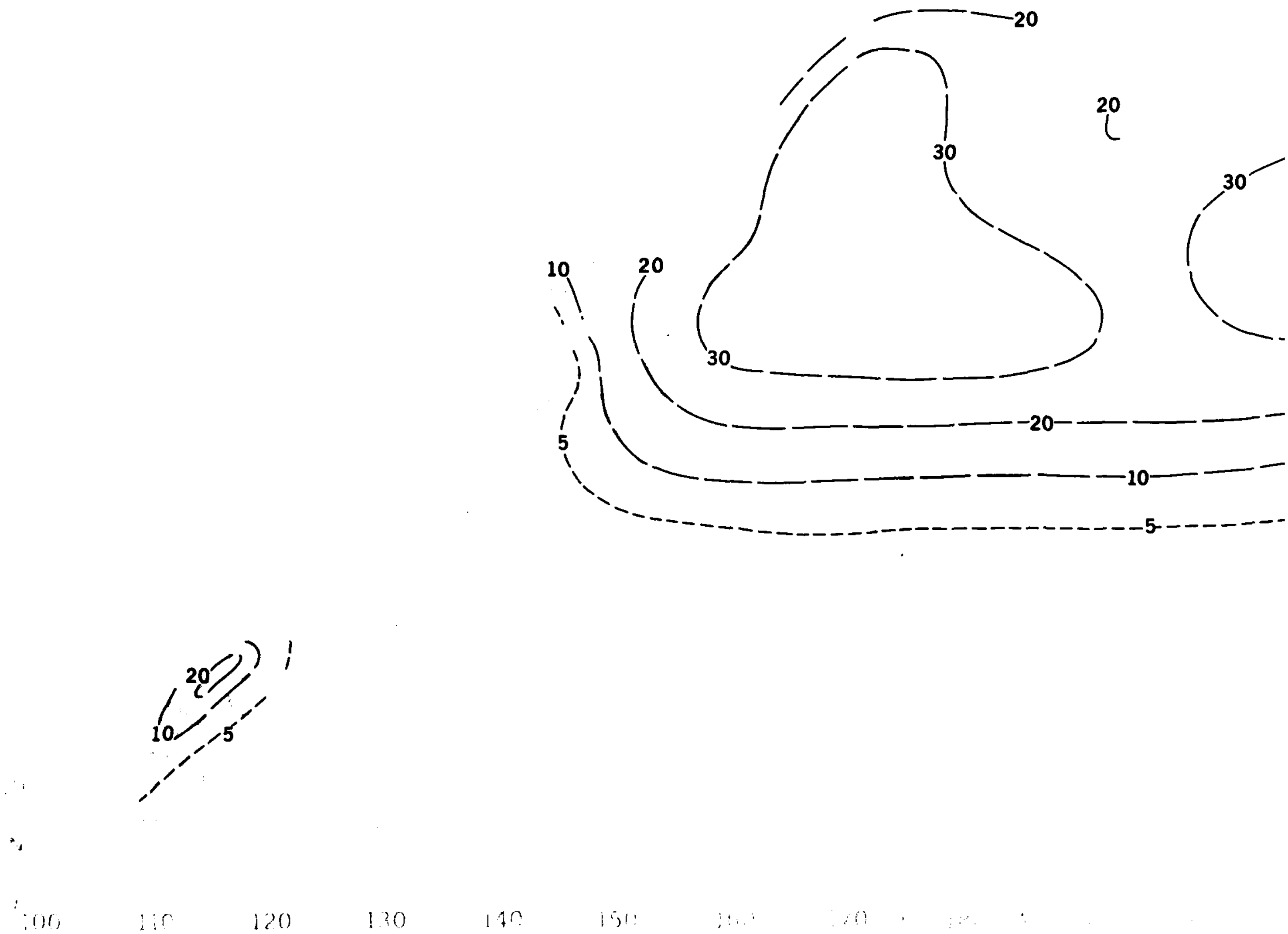
2

FEBRUARY

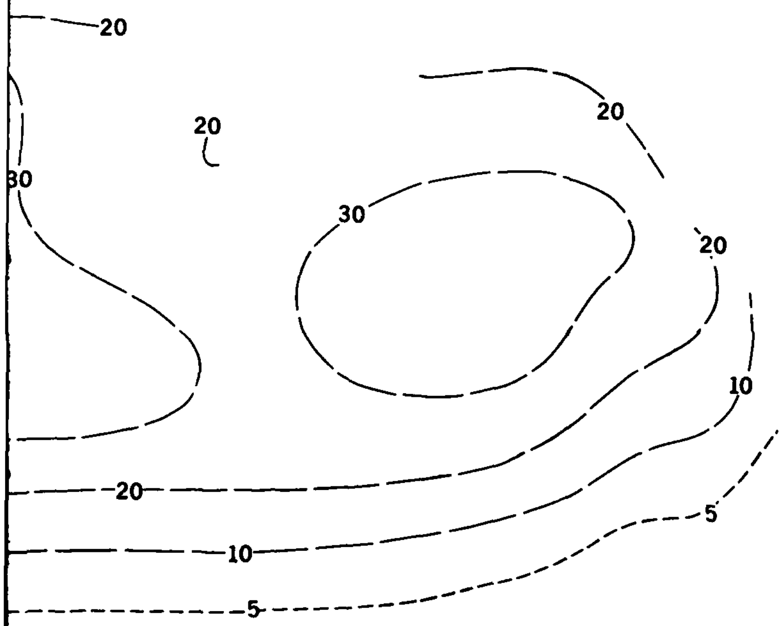
WAVE

Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights ≥20 feet (≥6.1 meters)



WAVE HEIGHT (≥12 AND ≥20 FEET)

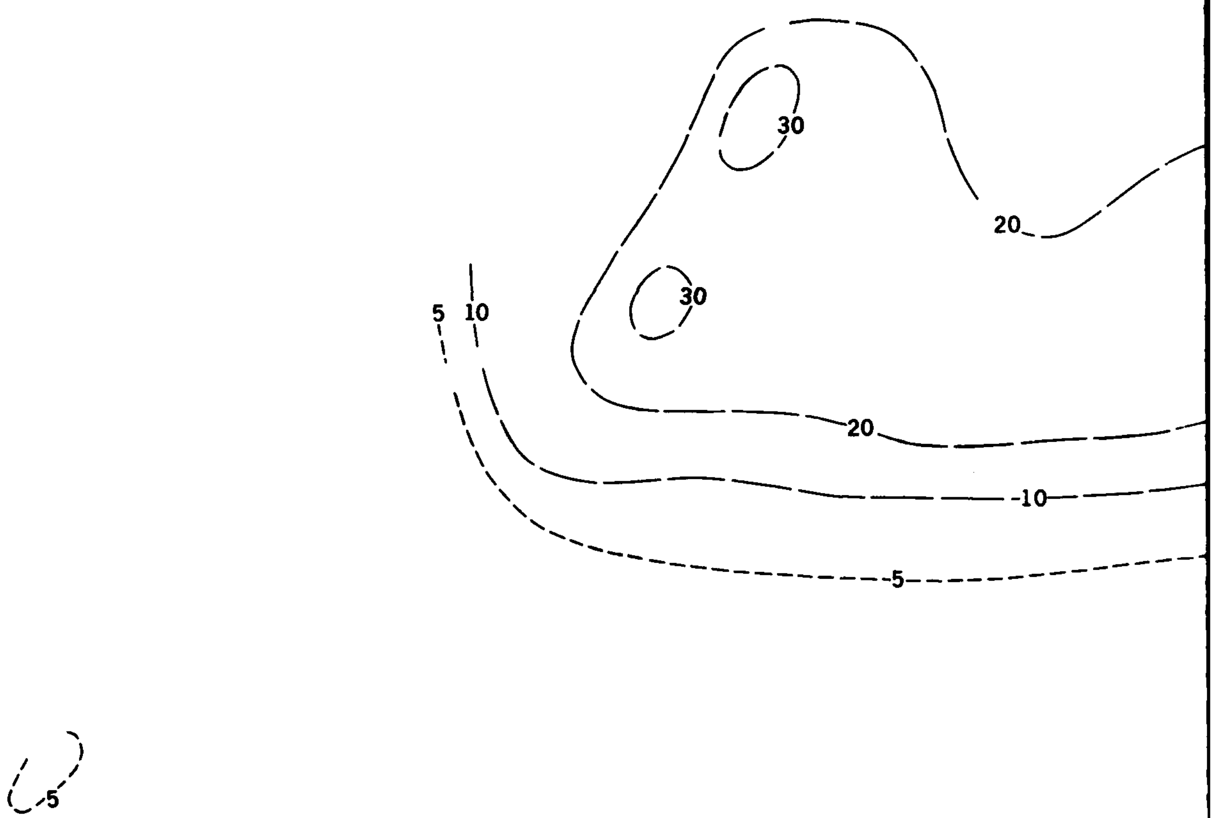


4

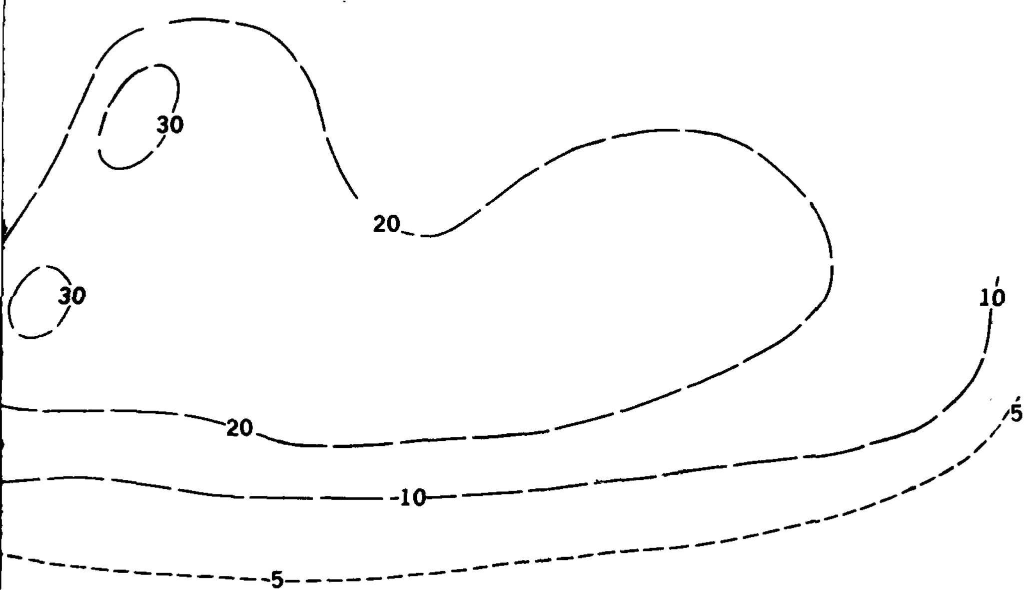
WAVE HEIGHT (≥12 AND ≥20 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights ≥20 feet (≥6.1 meters)



MARCH



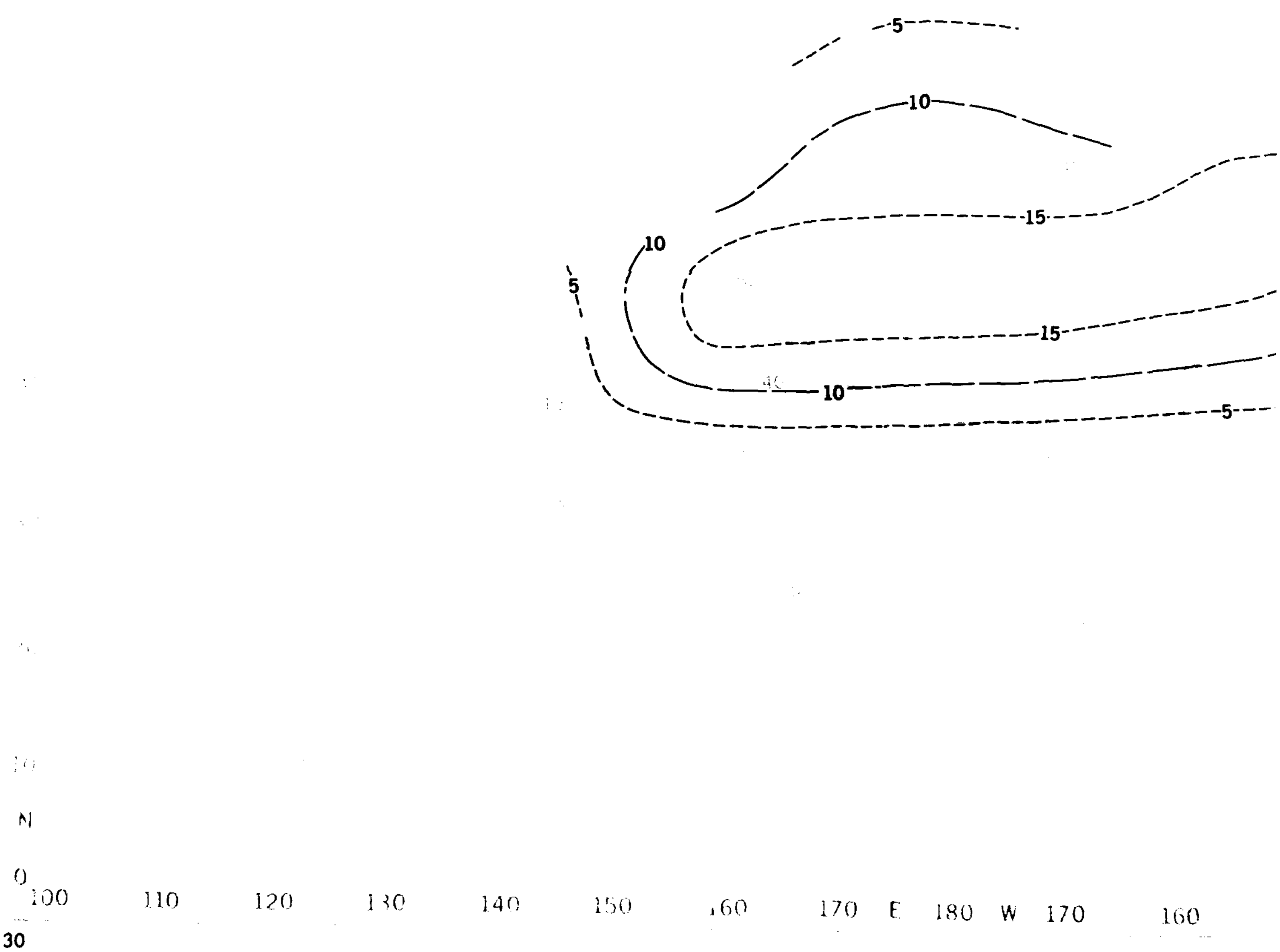
2

APRIL

WAVE

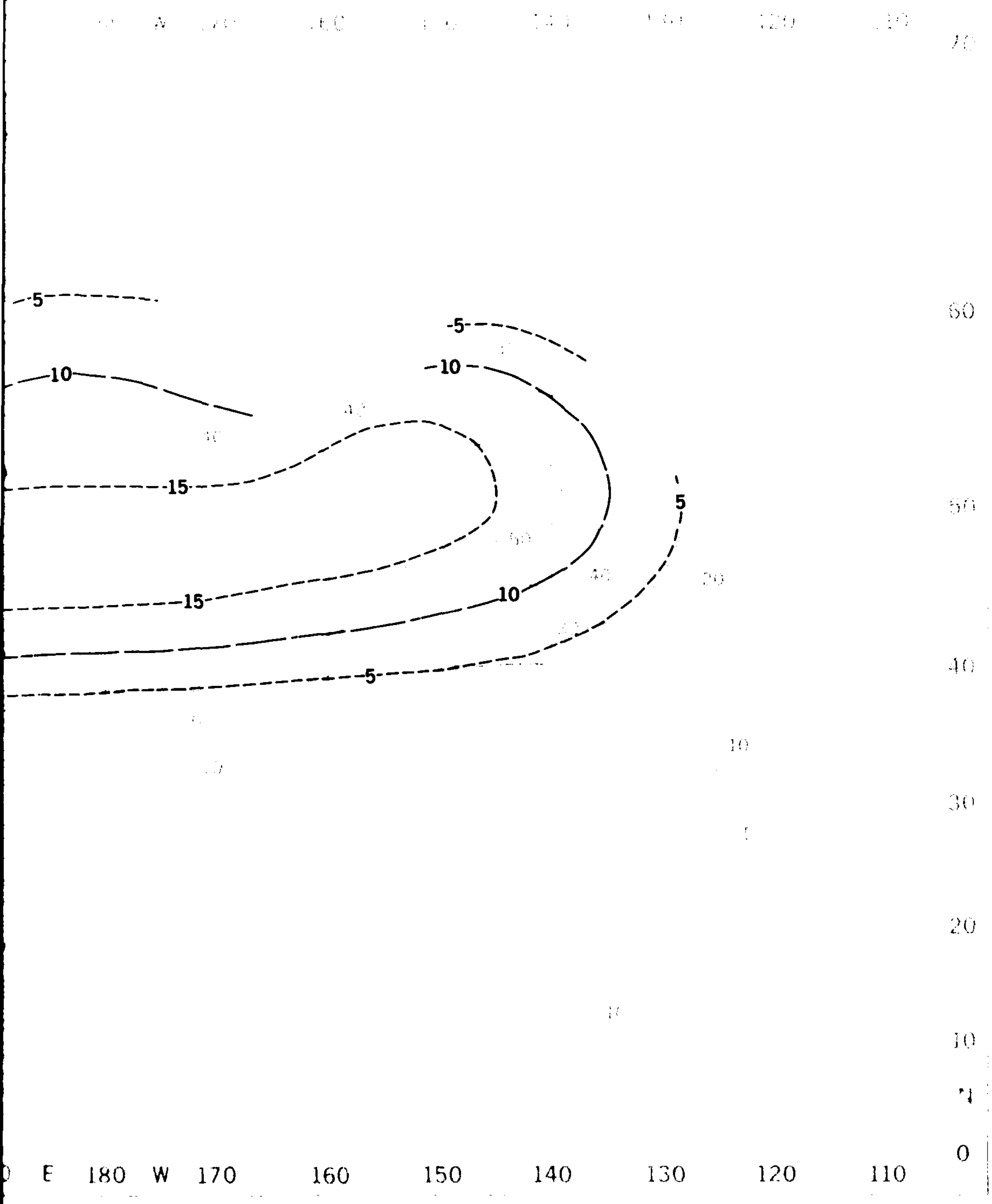
Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights ≥20 feet (≥6.1 meters)



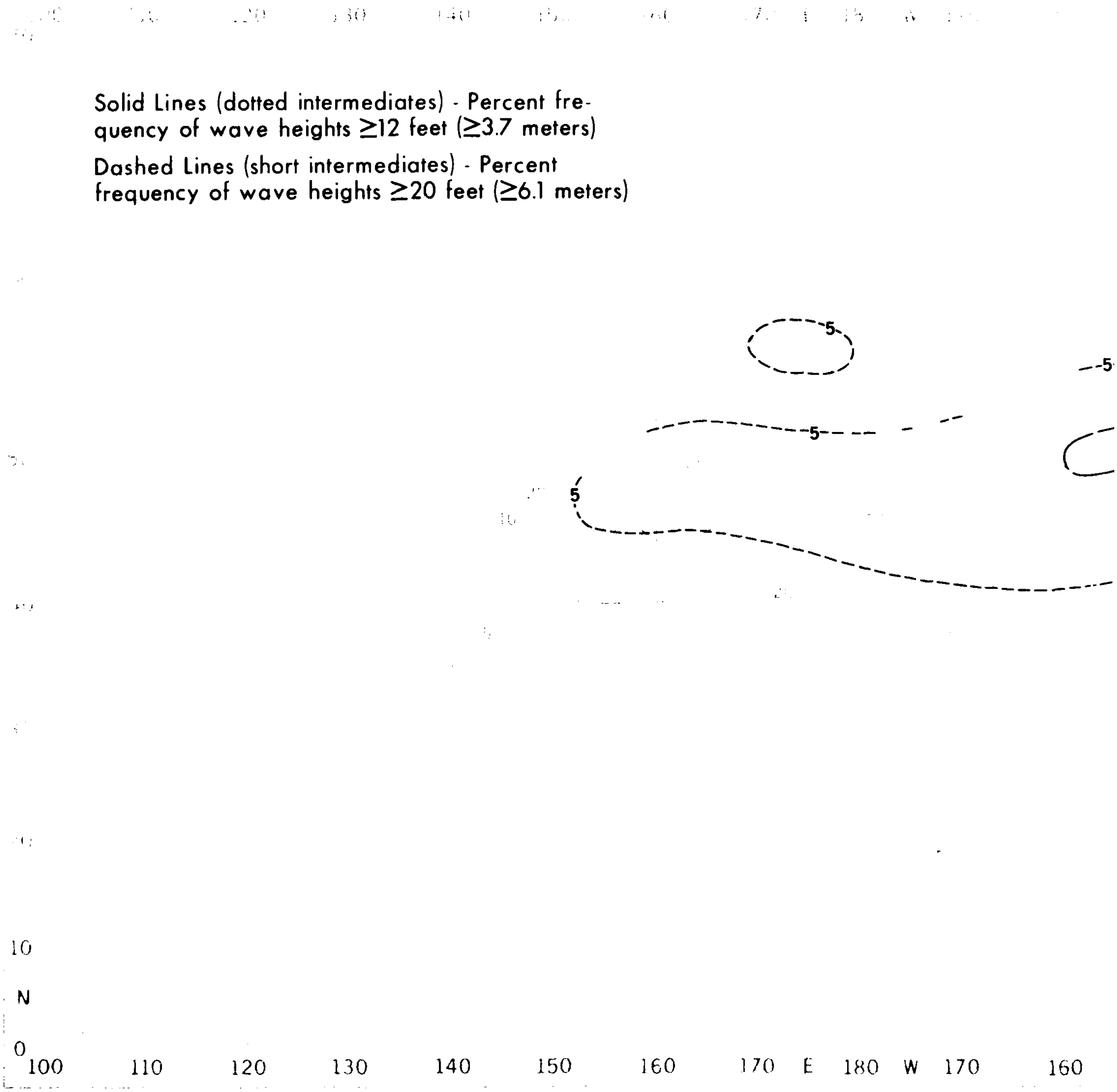
3

WAVE HEIGHT (≥12 AND ≥20 FEET)



4

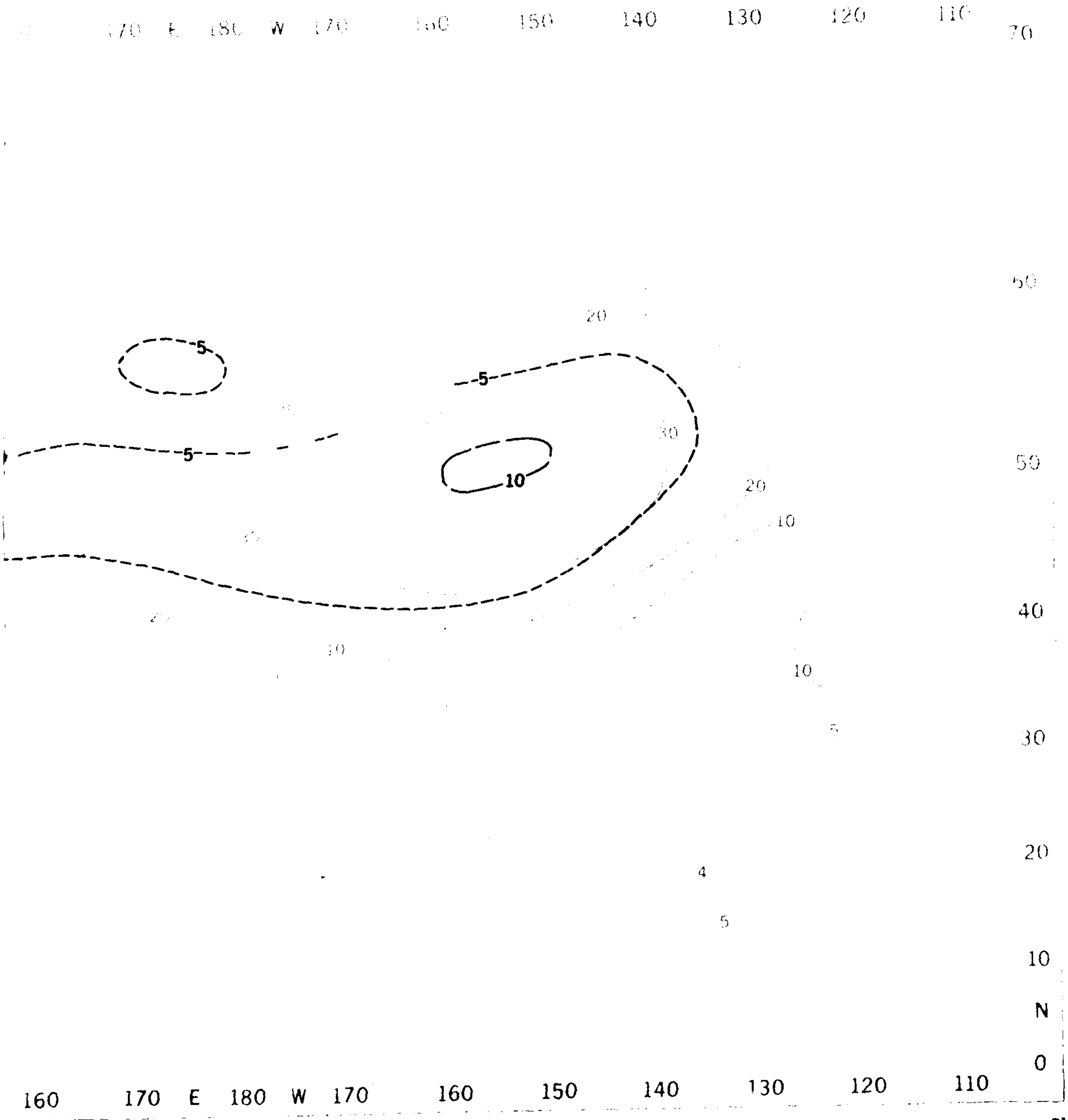
WAVE HEIGHT (≥12 AND ≥20 FEET)



Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

MAY


170 E 180 W 170 160 150 140 130 120 110
70
60
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20
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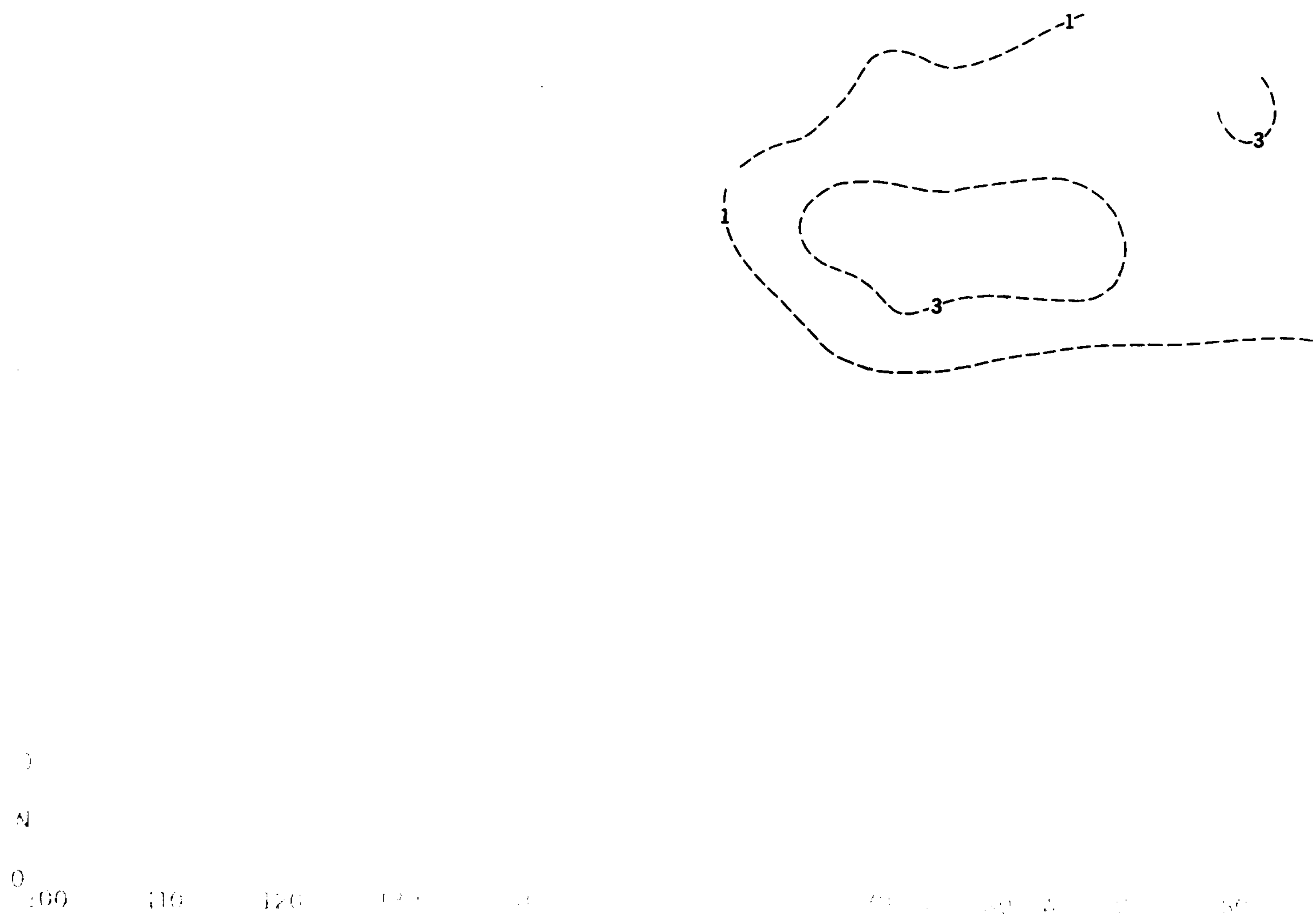
N
0
160 170 E 180 W 170 160 150 140 130 120 110
5
5
5
10
20
30
20
10
10
10
5
4
5

JUNE

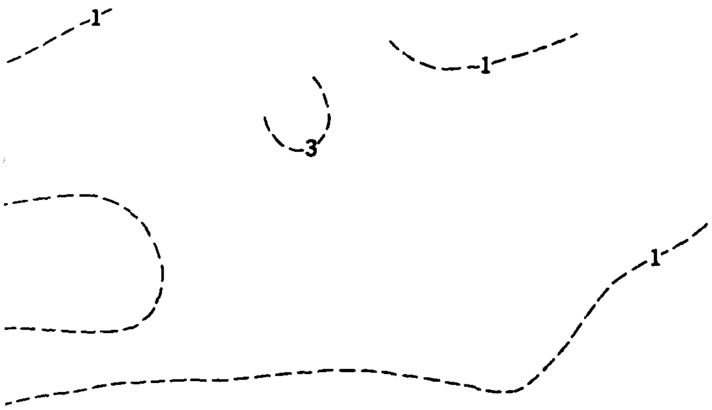
WAVE

Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights ≥20 feet (≥6.1 meters)



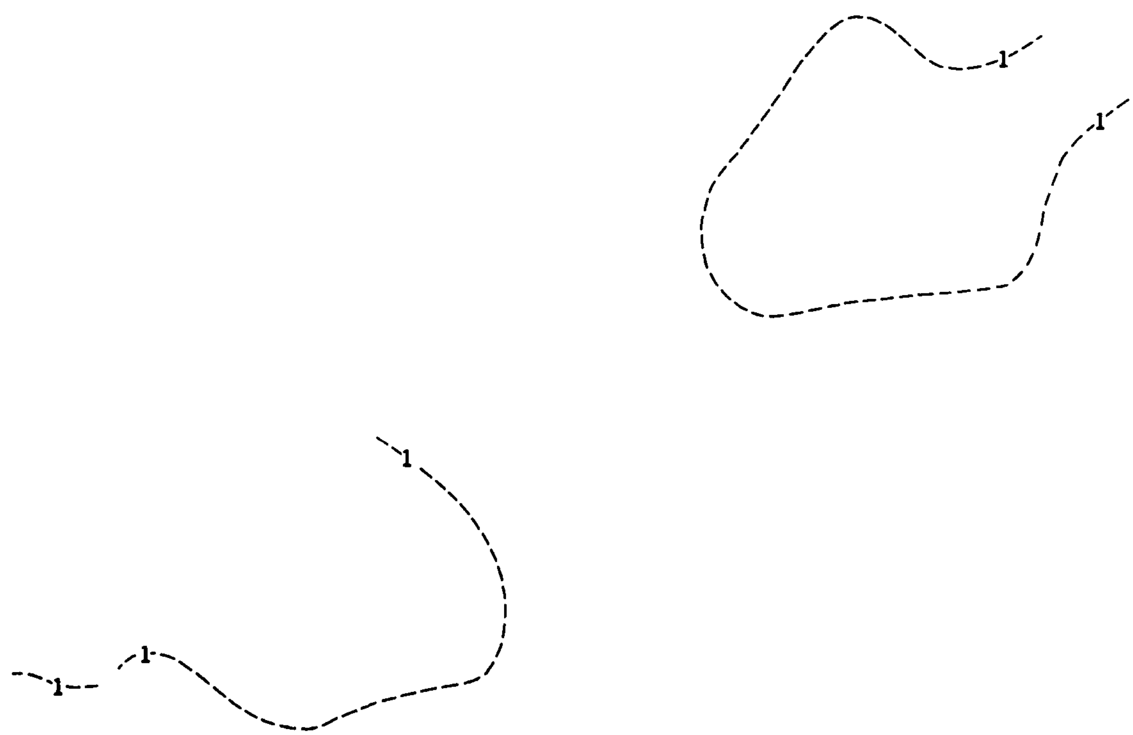
WAVE HEIGHT ($\geq$12 AND $\geq$20 FEET)



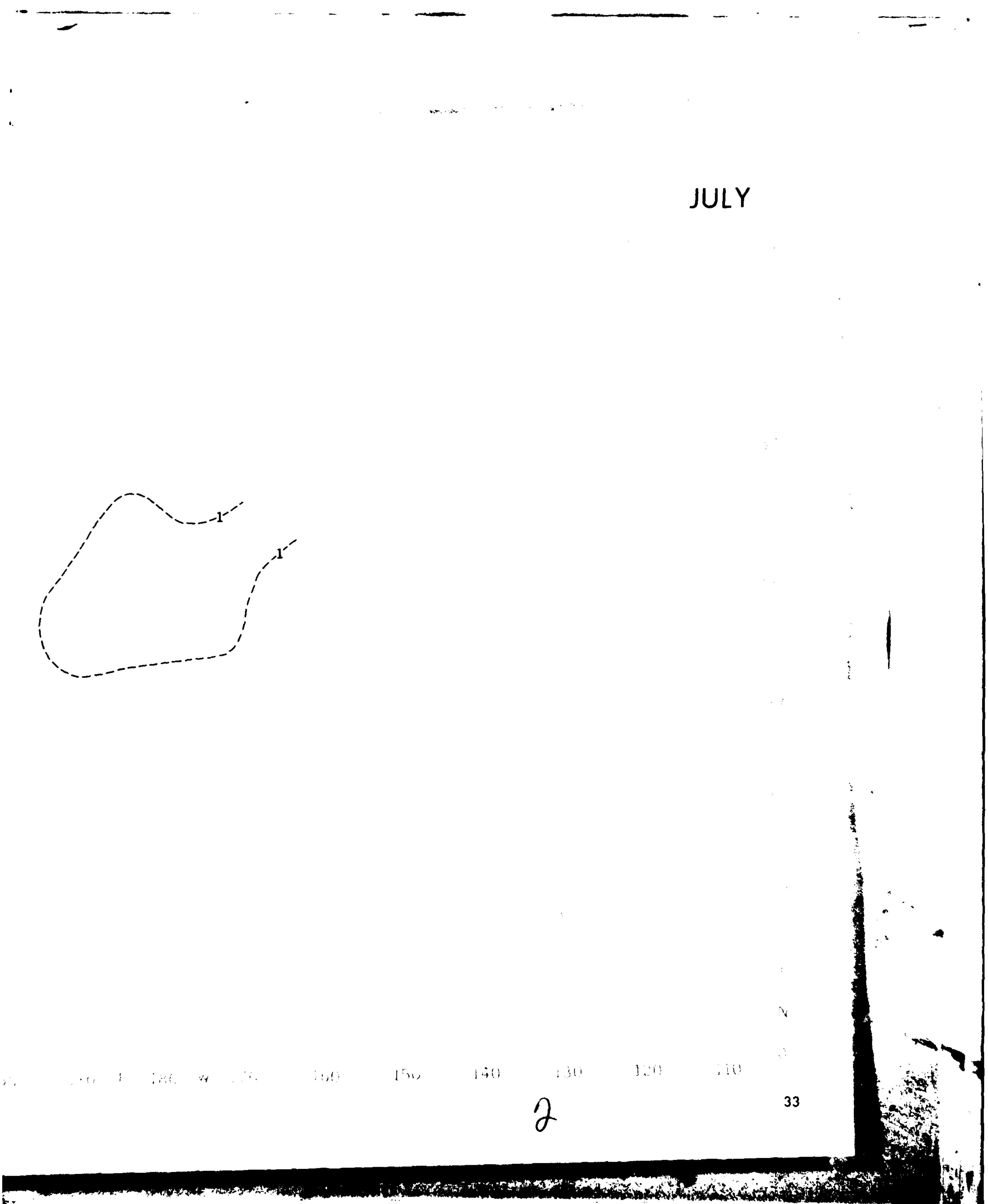
WAVE HEIGHT (≥12 AND ≥20 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

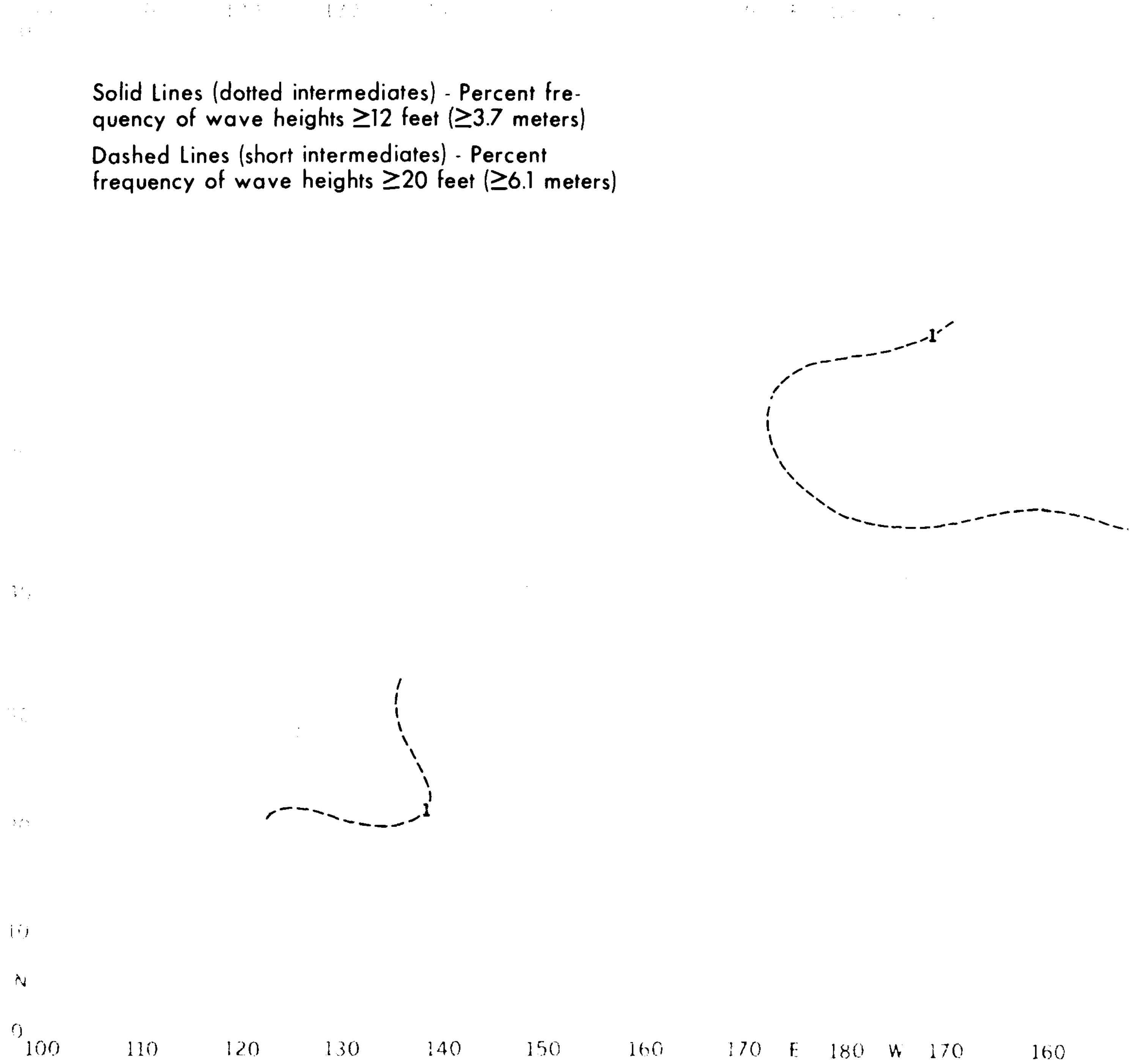


JULY



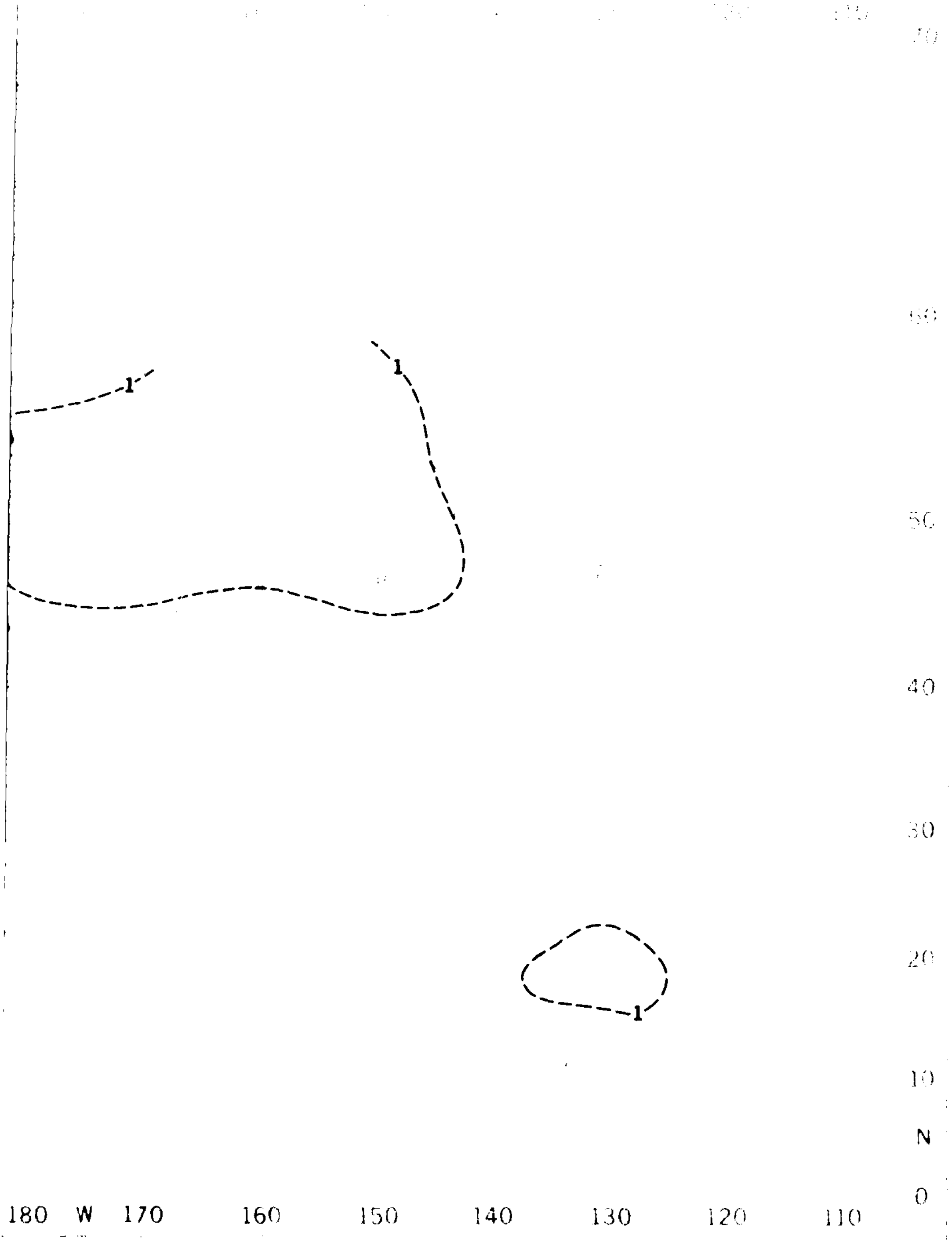
2

AUGUST WAVE



Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)
Dashed Lines (short intermediates) - Percent frequency of wave heights ≥20 feet (≥6.1 meters)
1
1
N
0
100
110
120
130
140
150
160
170
E
180
W
170
160

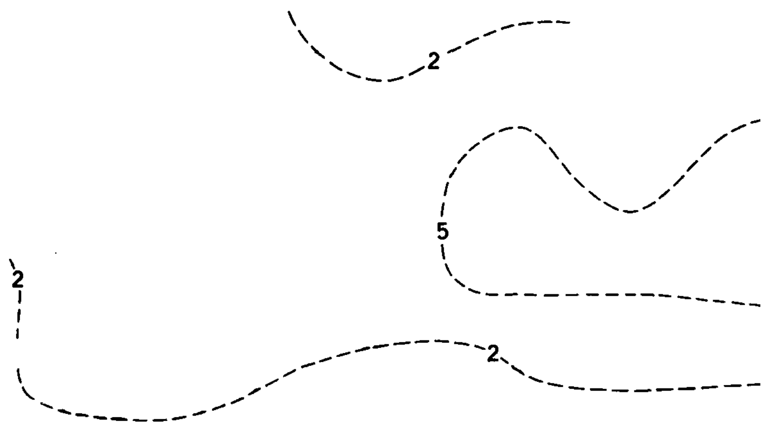
WAVE HEIGHT (≥12 AND ≥20 FEET)



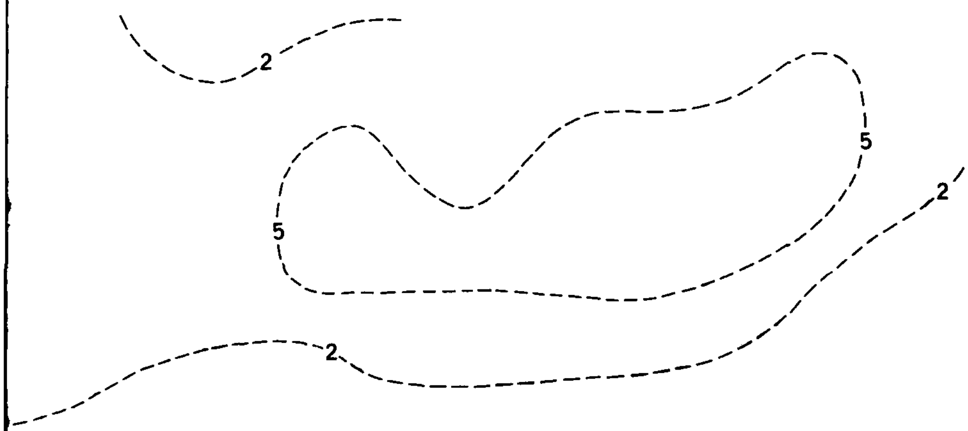
WAVE HEIGHT (≥12 AND ≥20 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights ≥20 feet (≥6.1 meters)



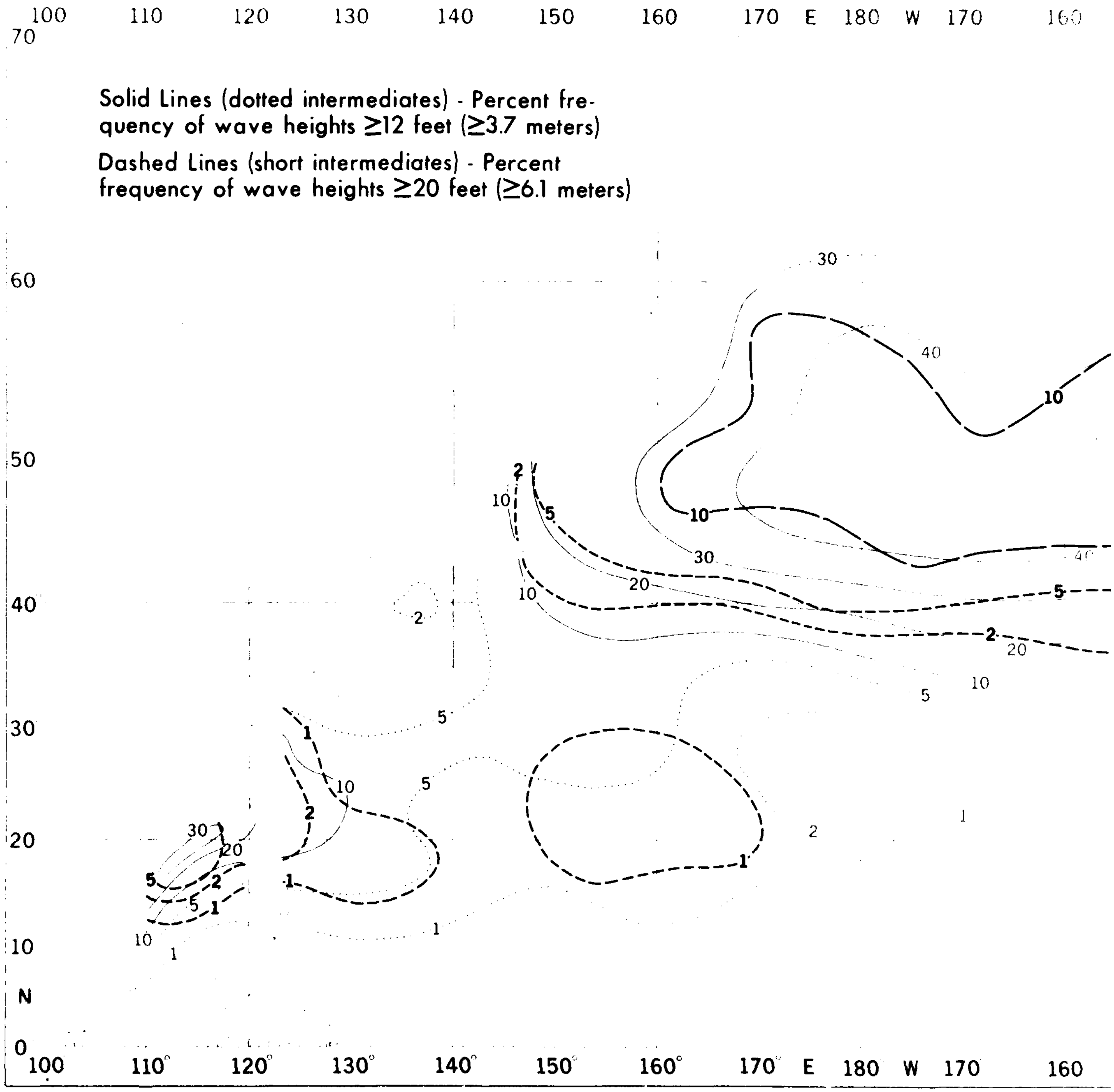
SEPTEMBER



2

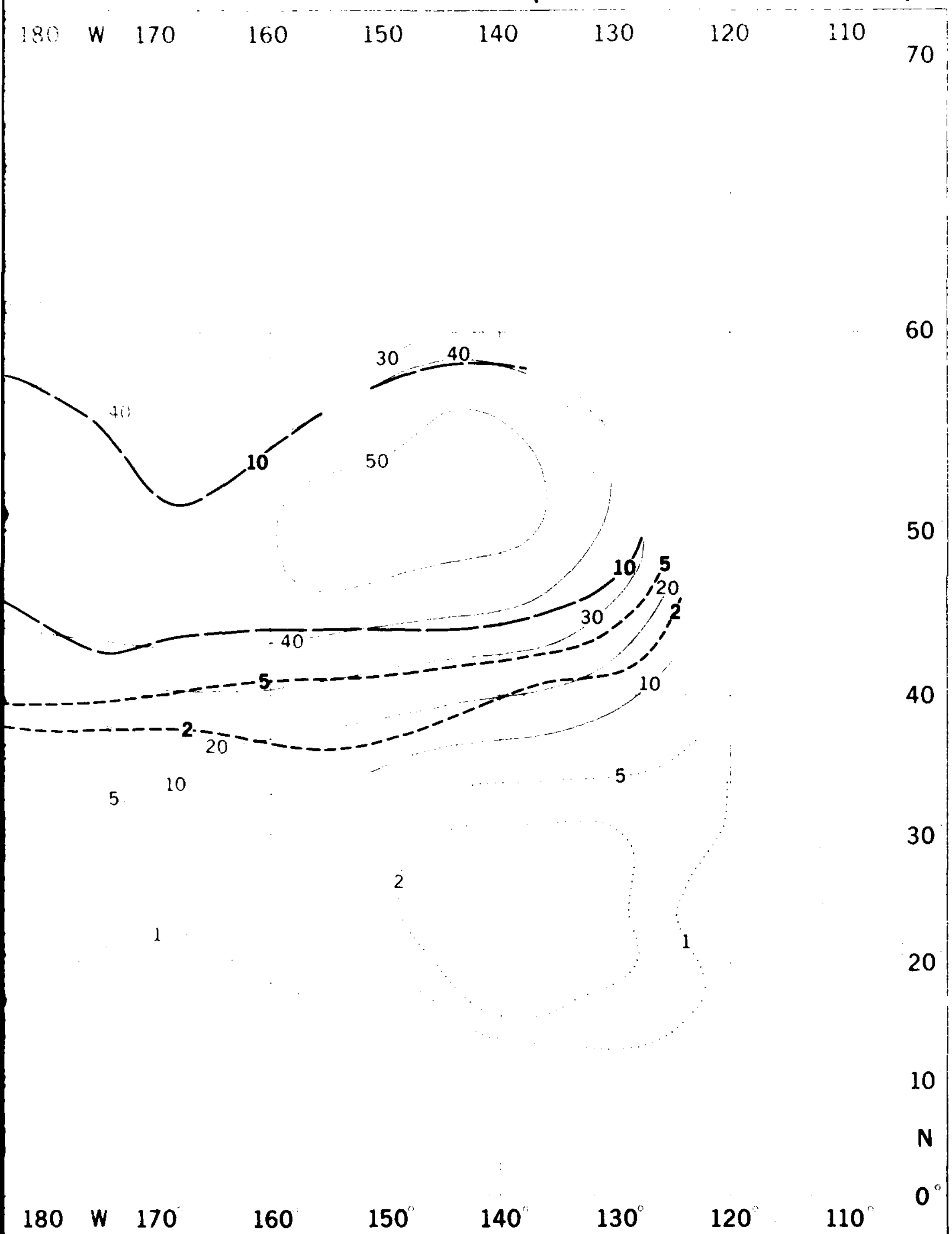
OCTOBER

WA\



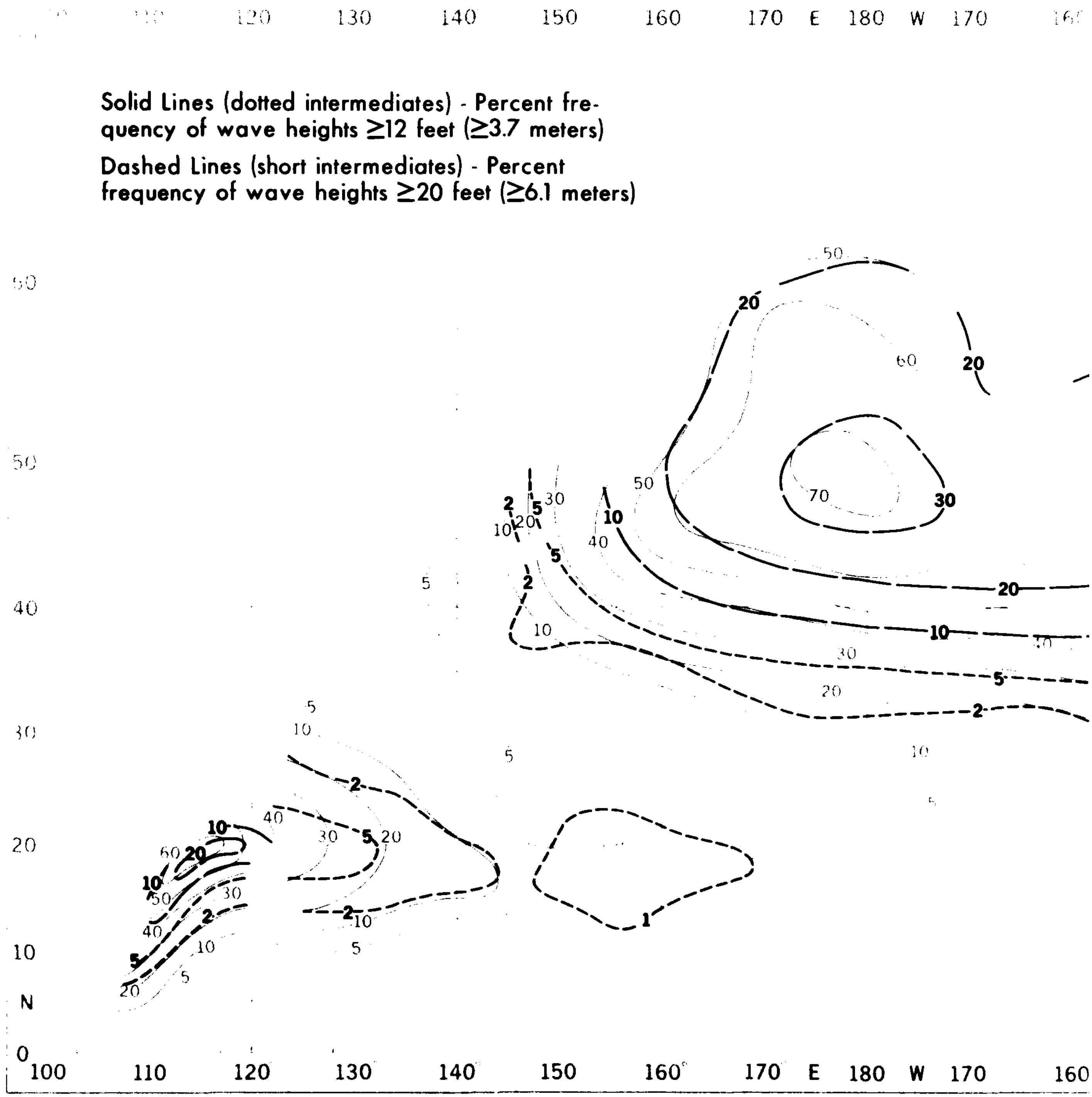
Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)
Dashed Lines (short intermediates) - Percent frequency of wave heights ≥20 feet (≥6.1 meters)
100
110
120
130
140
150
160
170
E
180
W
170
160
70
60
50
40
30
20
10
N
0
30
40
10
20
5
2
1

WAVE HEIGHT (≥12 AND ≥20 FEET)

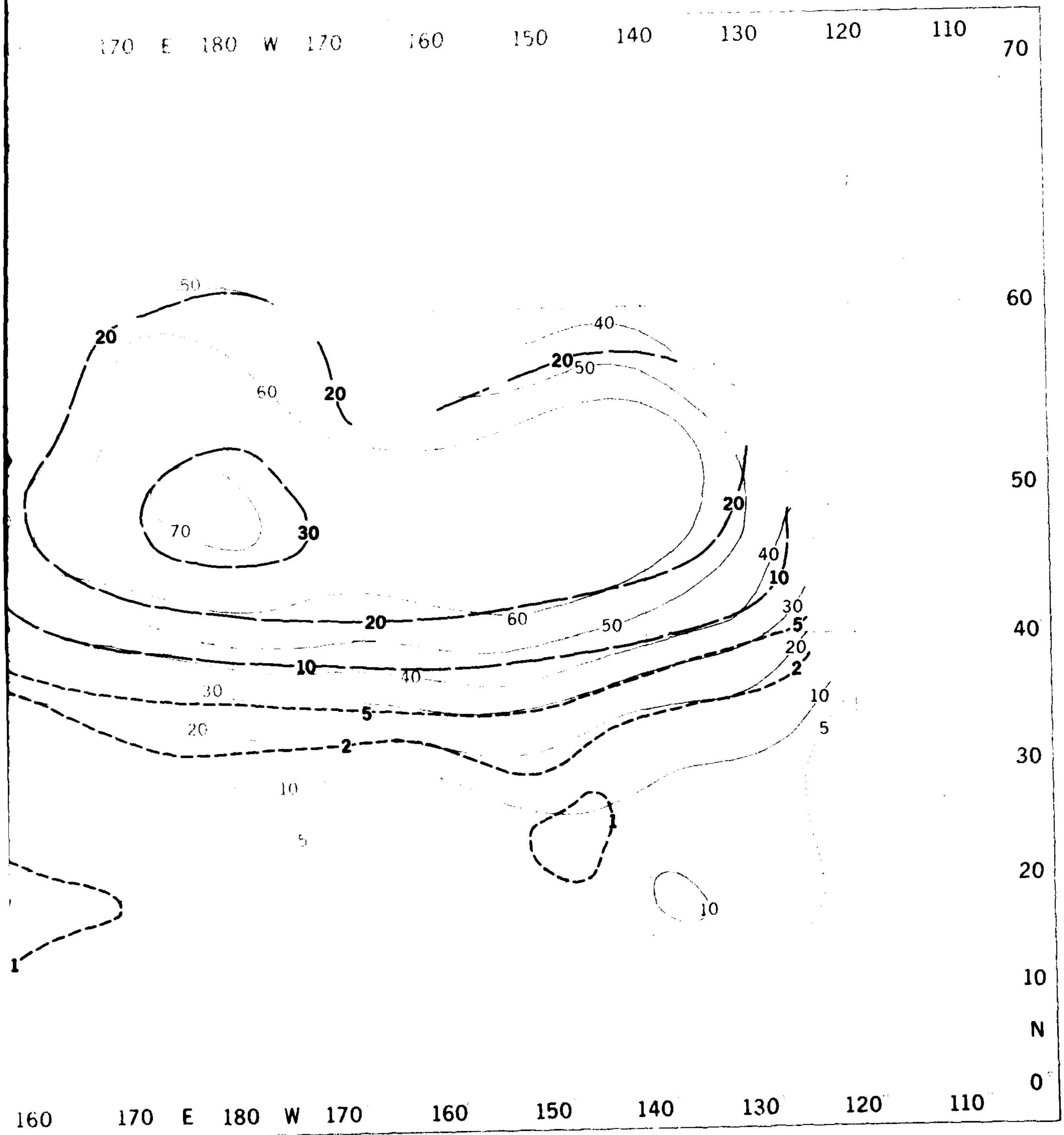


4

WAVE HEIGHT (≥12 AND ≥20 FEET)



NOVEMBER



170 E 180 W 170 160 150 140 130 120 110
70
60
50
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30
20
10
N
0
160 170 E 180 W 170 160 150 140 130 120 110
50
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70
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30
5
20
2
10
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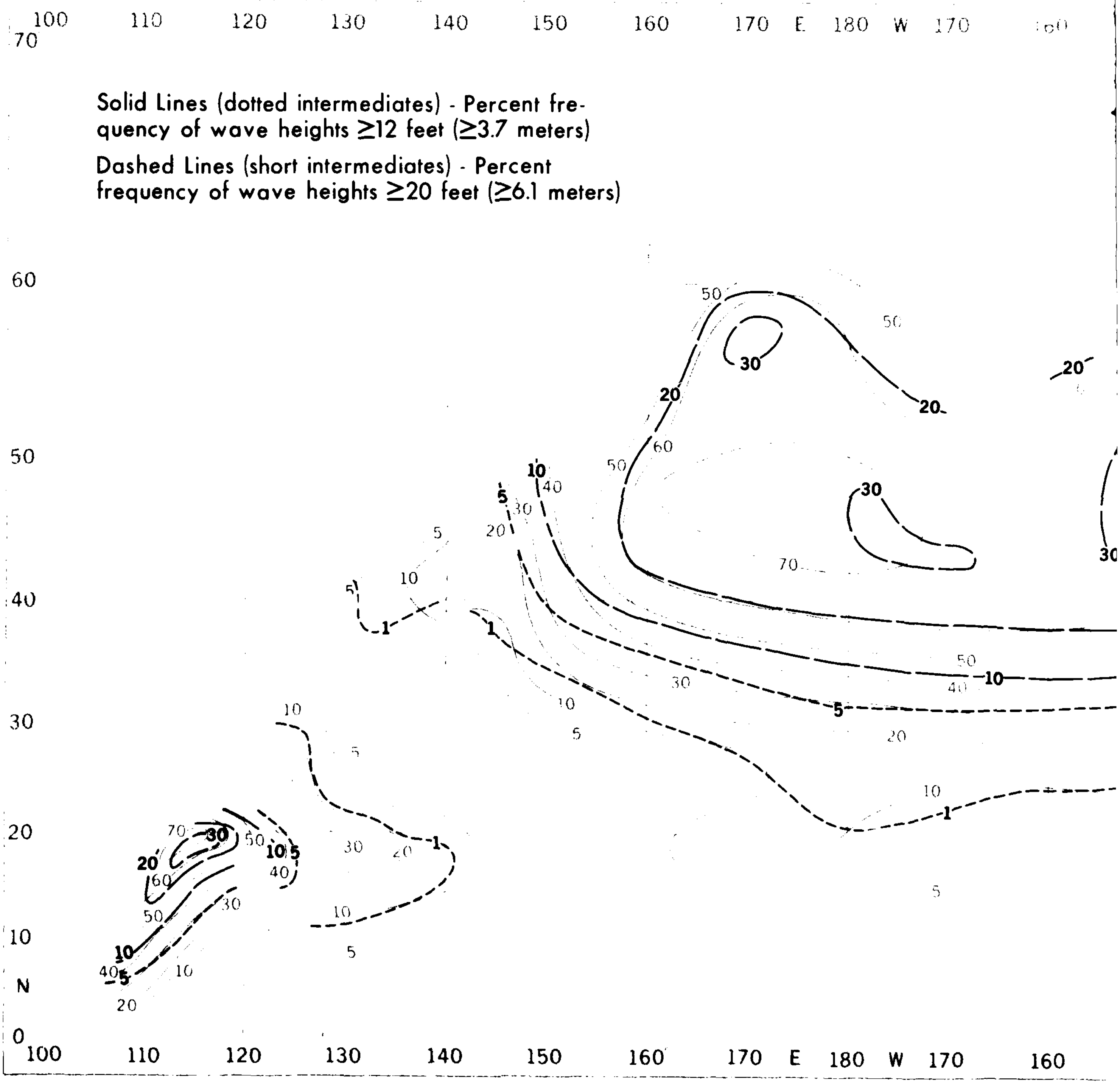
20
60
50
10
40
30
5
20
2
10
5
1
10
1

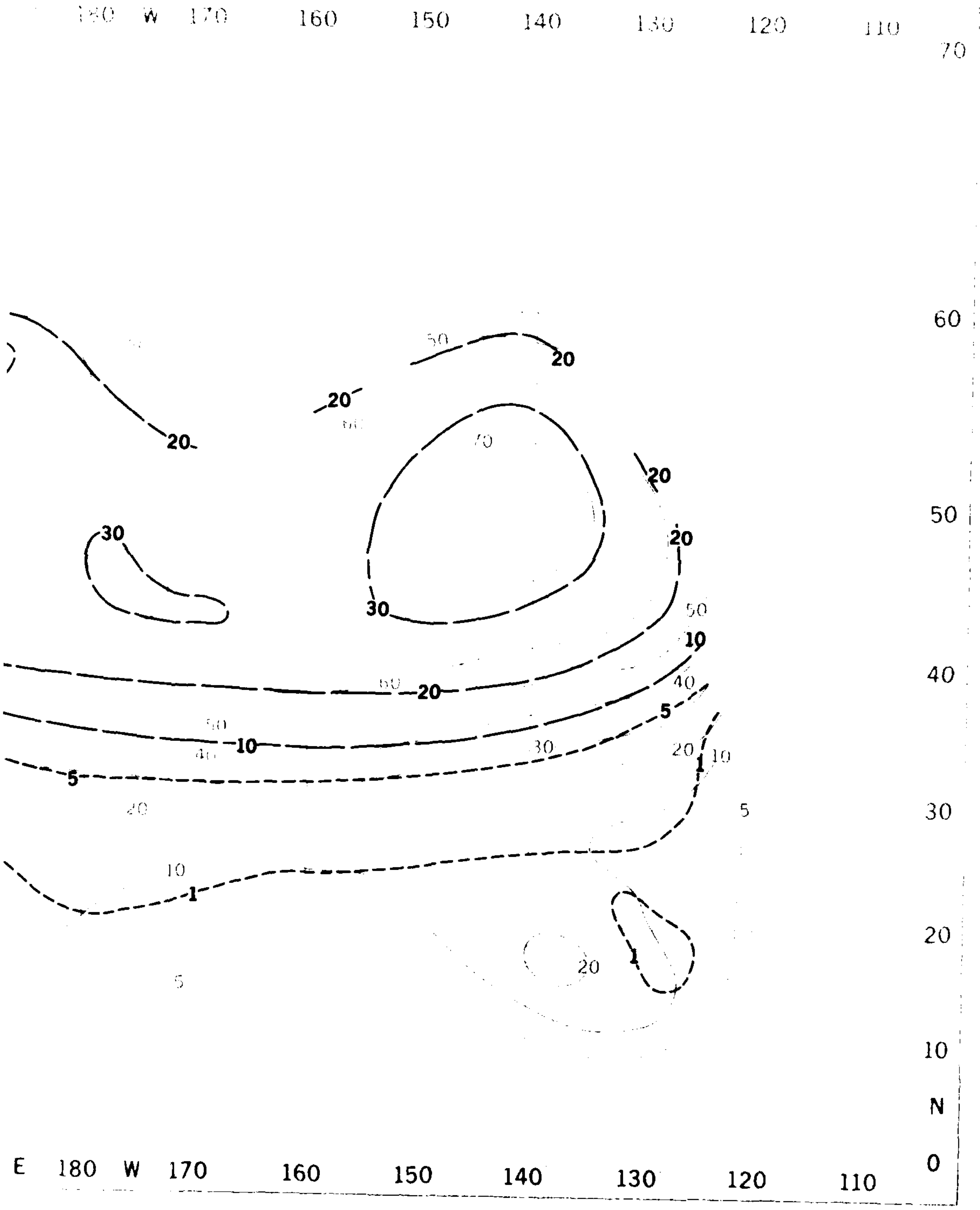
2

DECEMBER

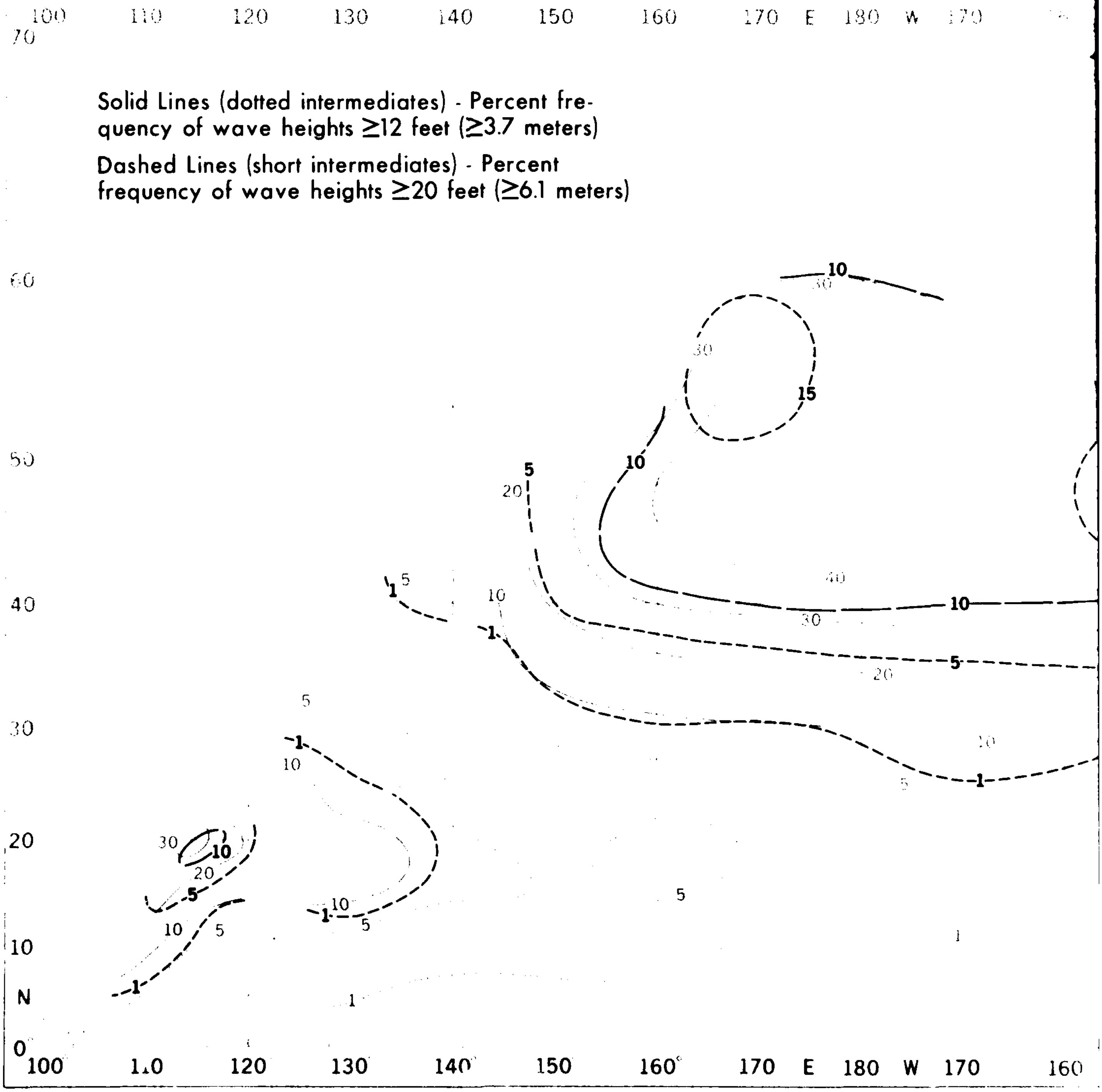
WAV



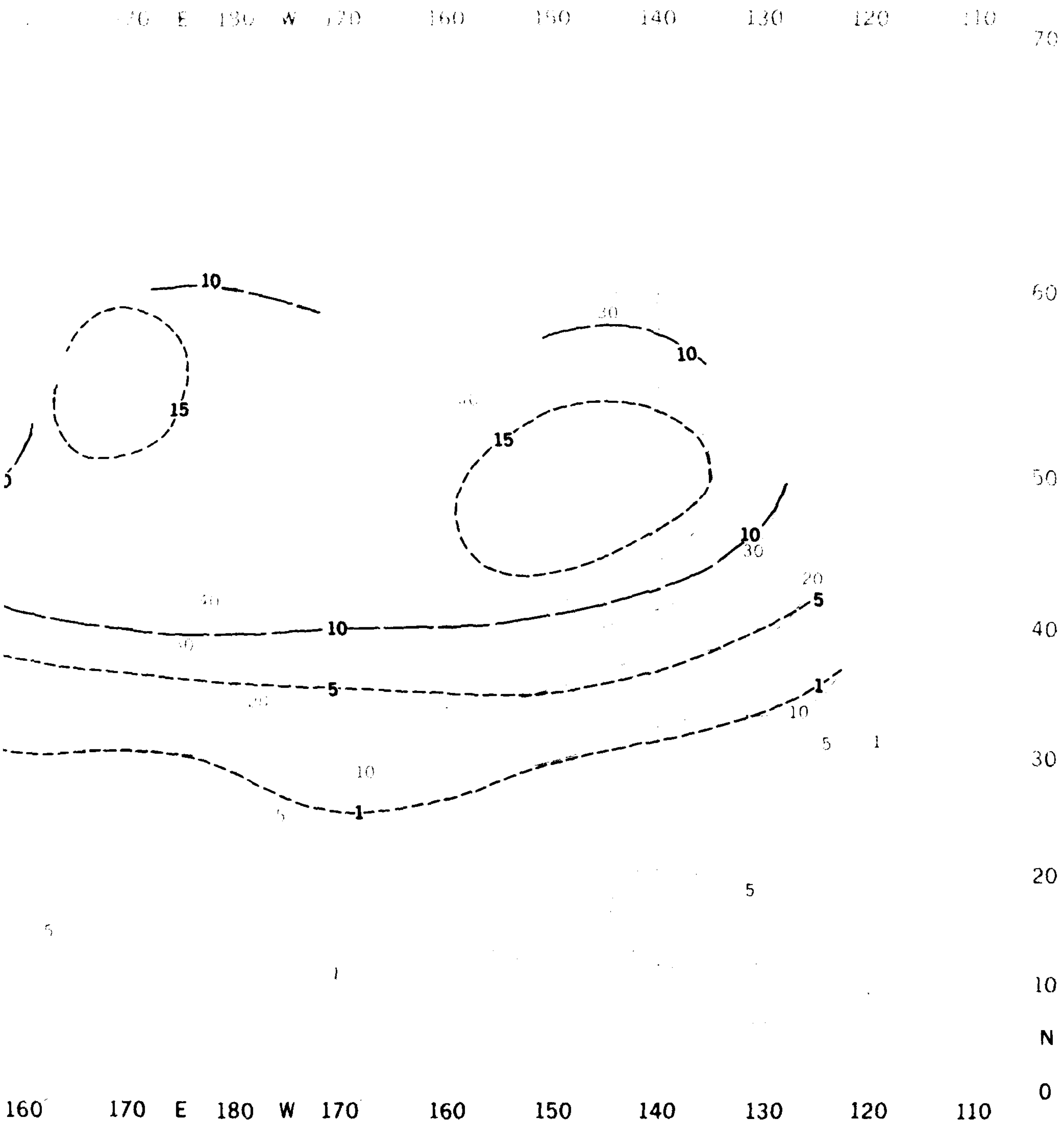
WAVE HEIGHT (≥12 AND ≥20 FEET)



WAVE HEIGHT (≥12 AND ≥20 FEET)



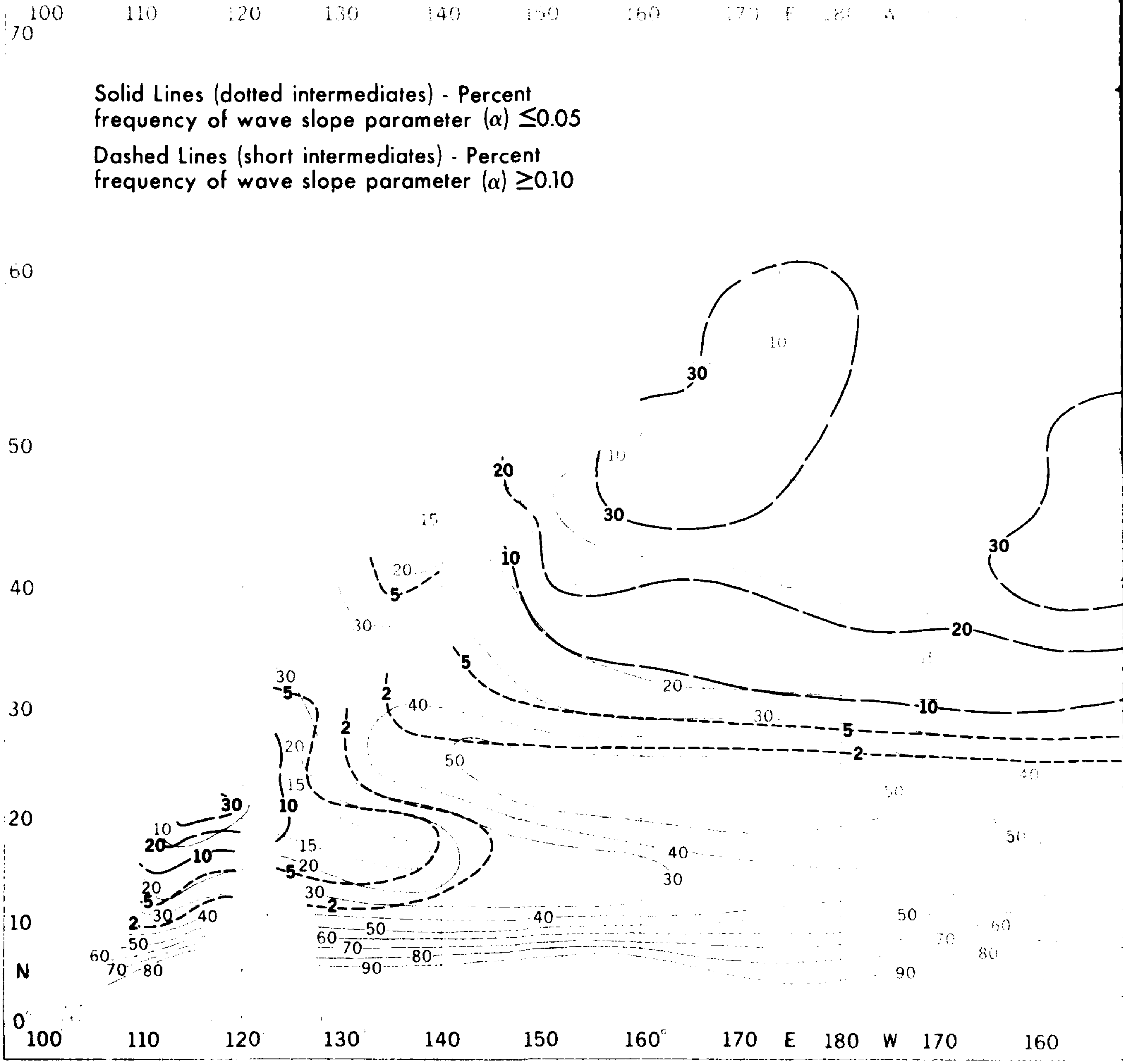
ANNUAL



160
170
E
180
W
170
160
150
140
130
120
110
70
60
50
40
30
20
10
N
0
10
15
10
15
10
10
5
1

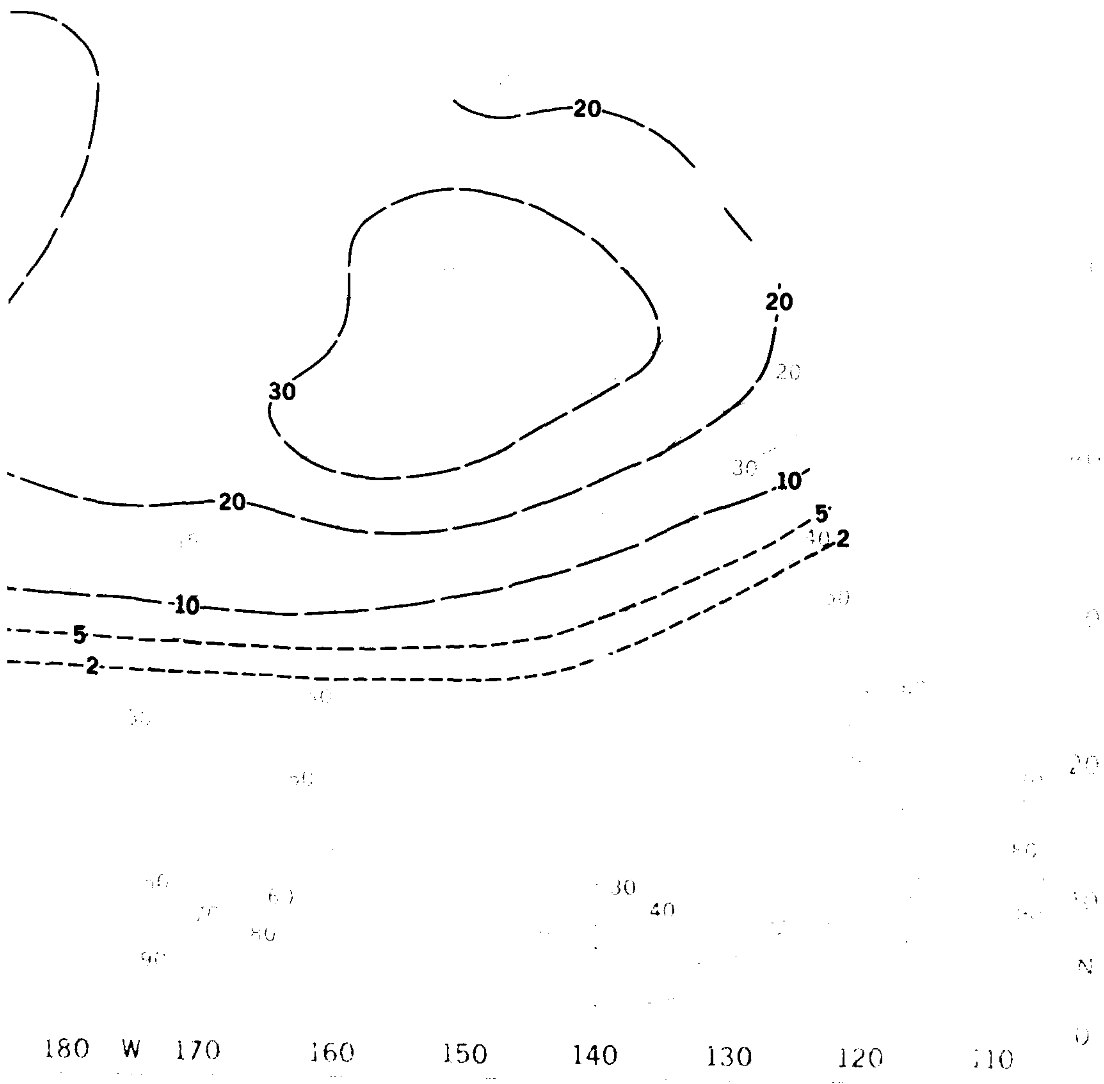
2

JANUARY WAVE



40

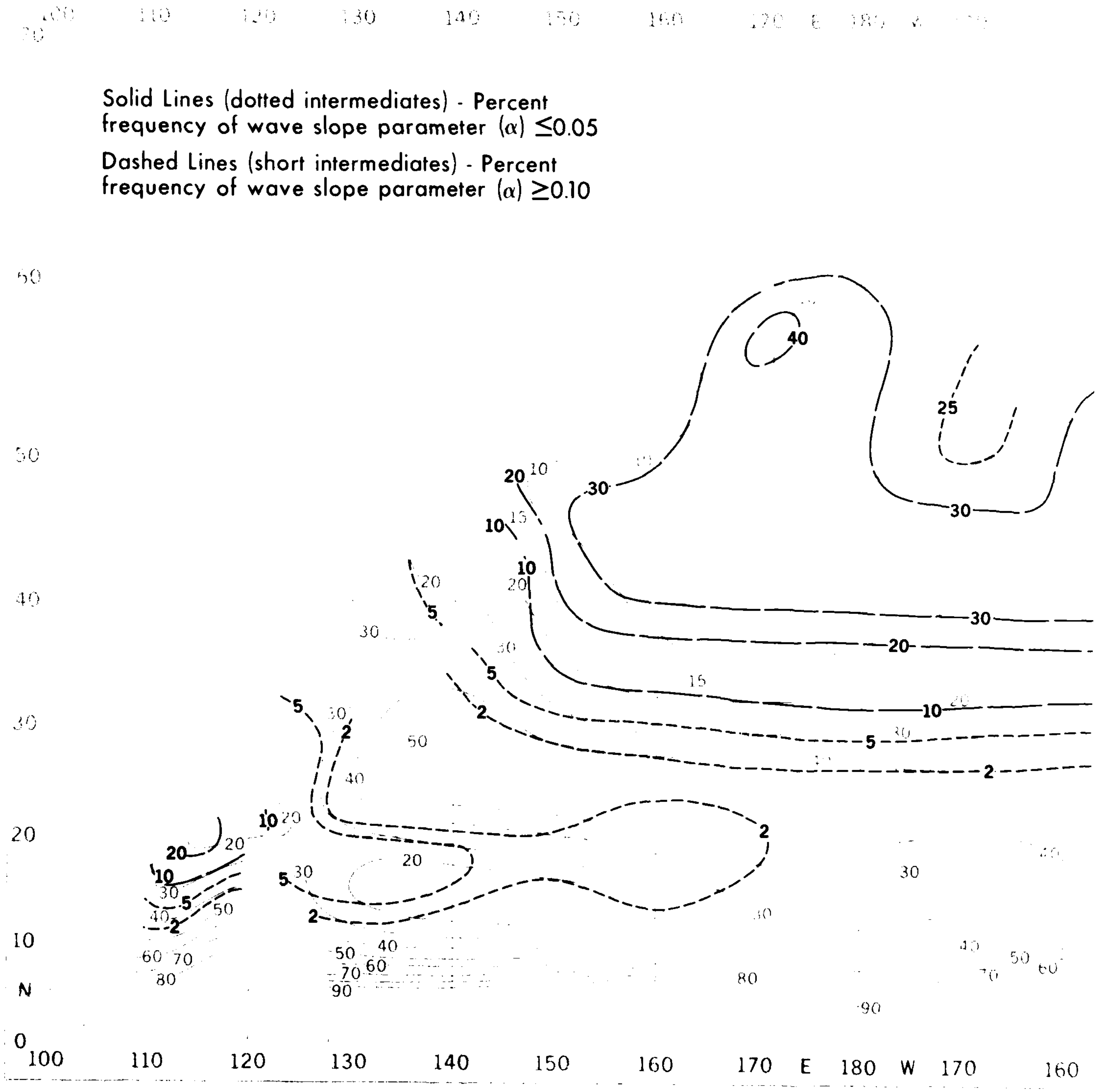
WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



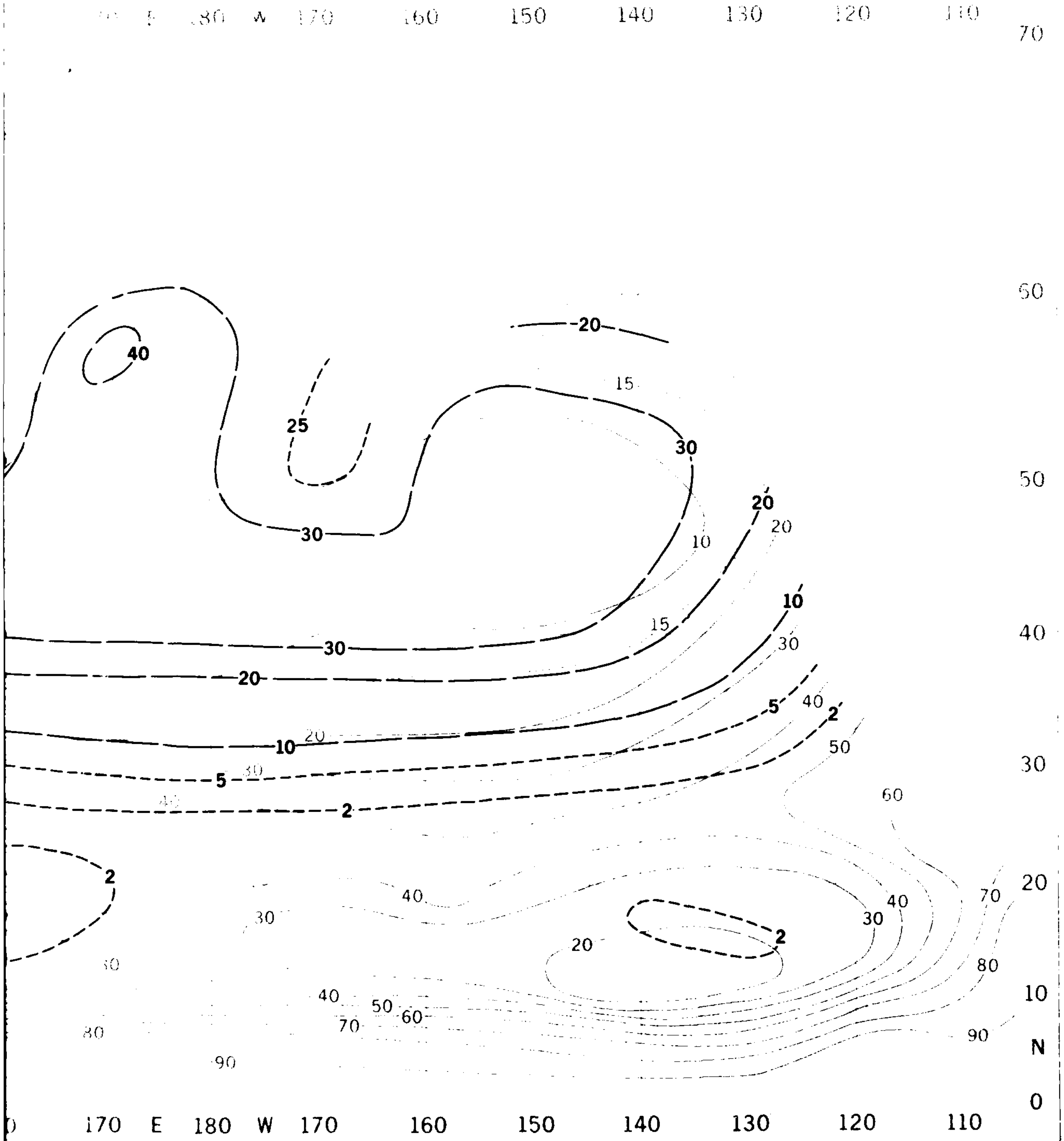
WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10

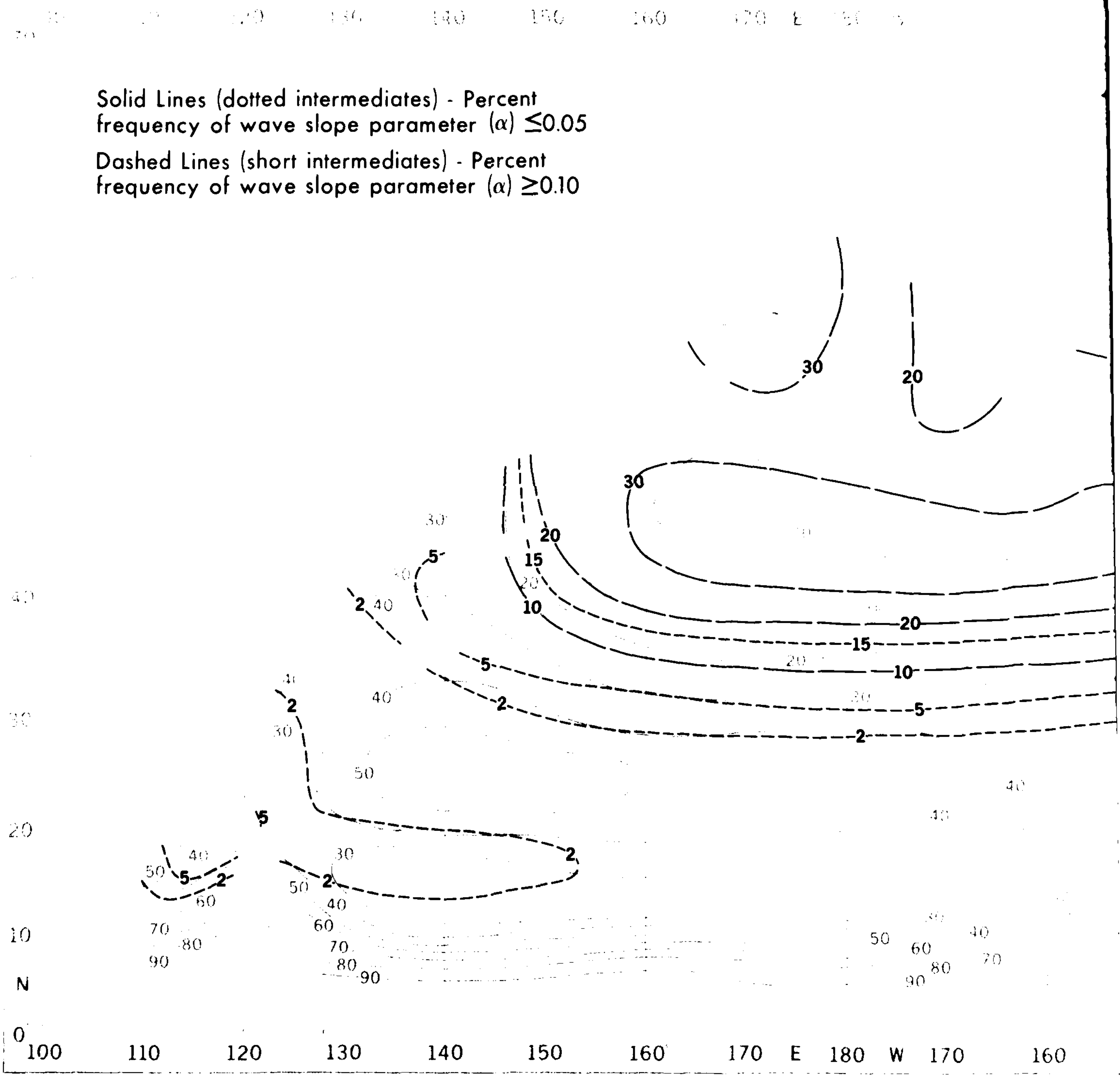


FEBRUARY

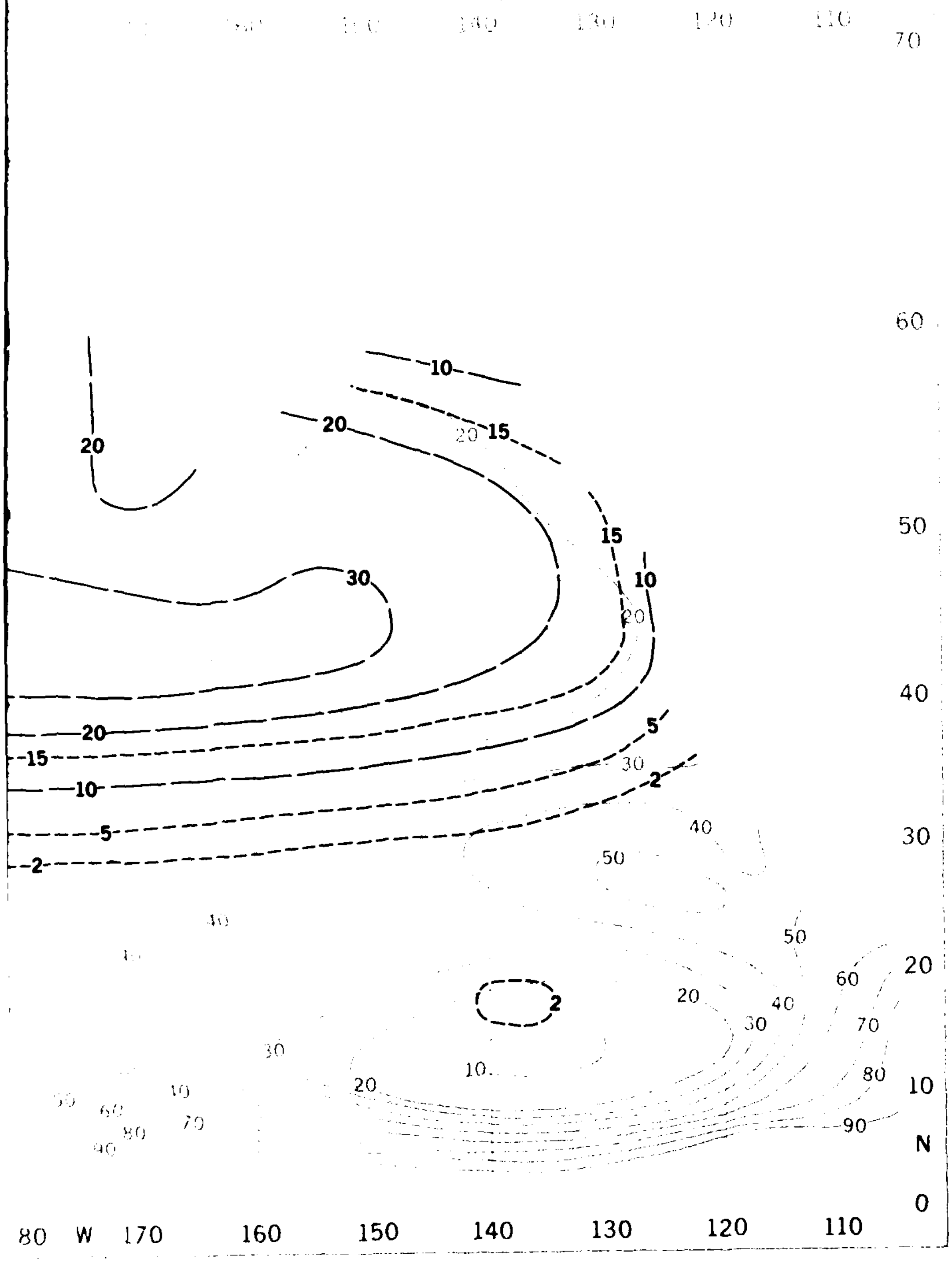


180 W 170 160 150 140 130 120 110
70
60
50
40
30
20
10
N
0
170 E 180 W 170 160 150 140 130 120 110
40
25
30
20
15
10
5
2
50
60
70
80
90

MARCH WAV


Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) ≤0.05
Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) ≥0.10
100 110 120 130 140 150 160 170 E 180 W 170 160
N

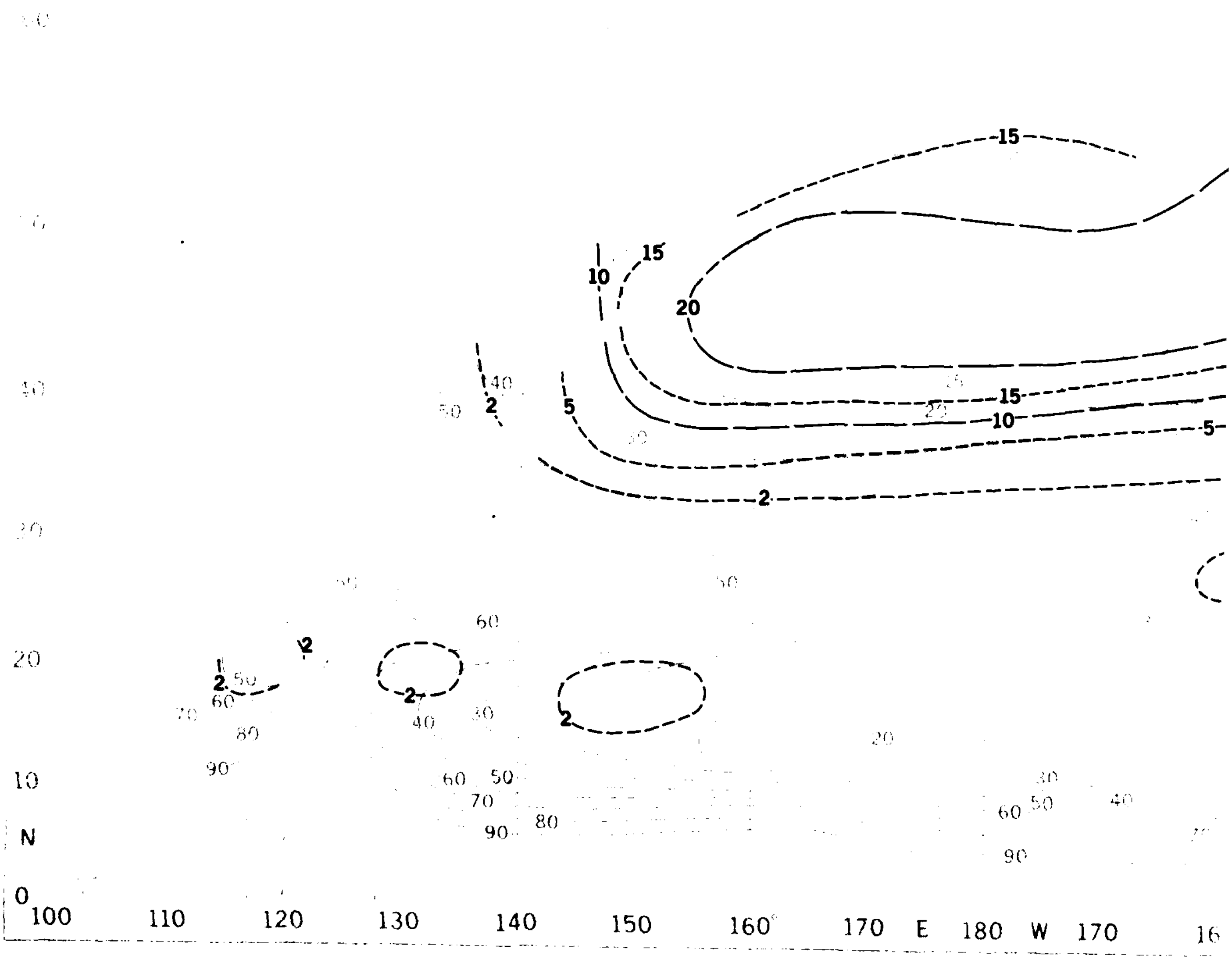
WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



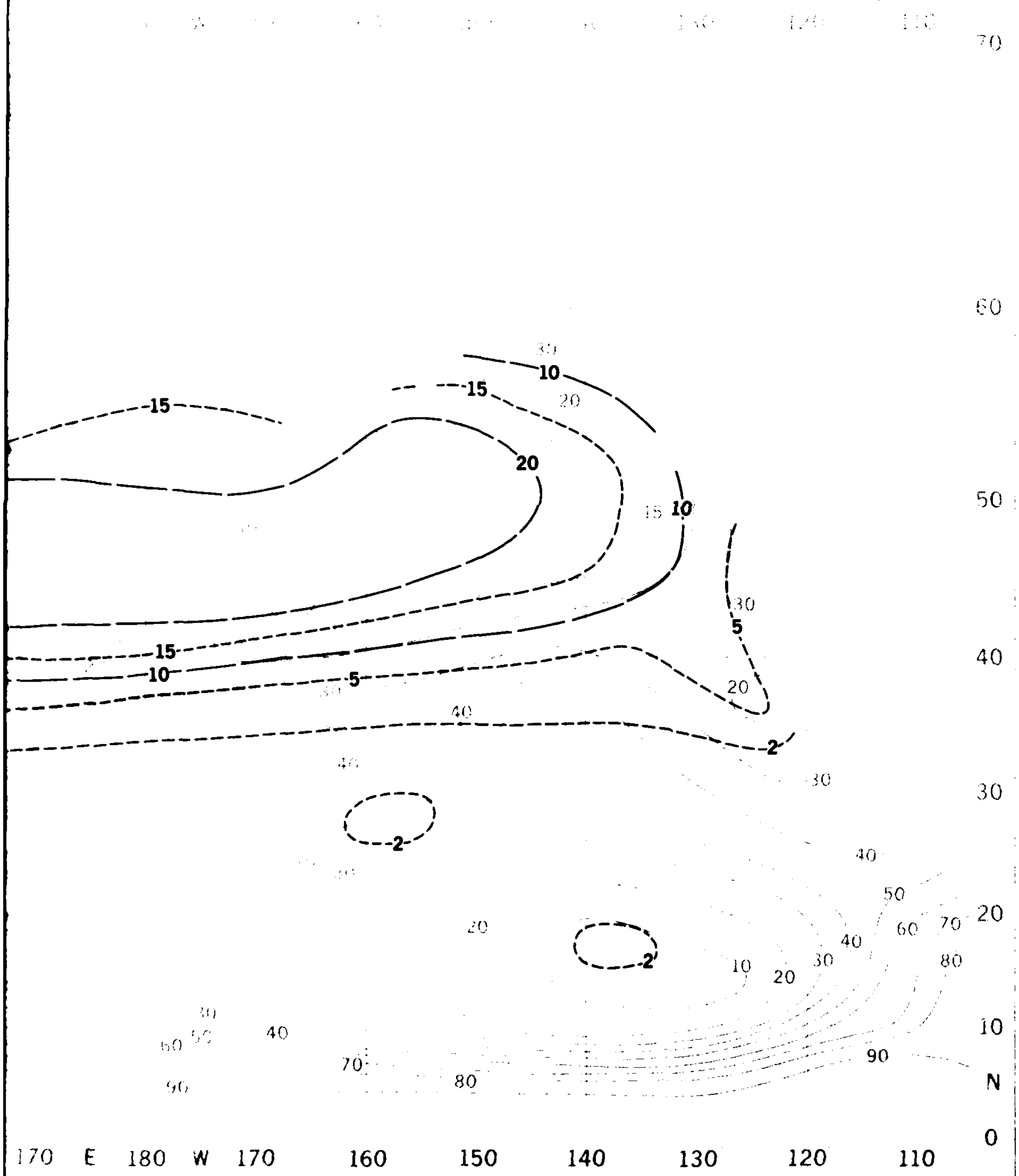
WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10



APRIL

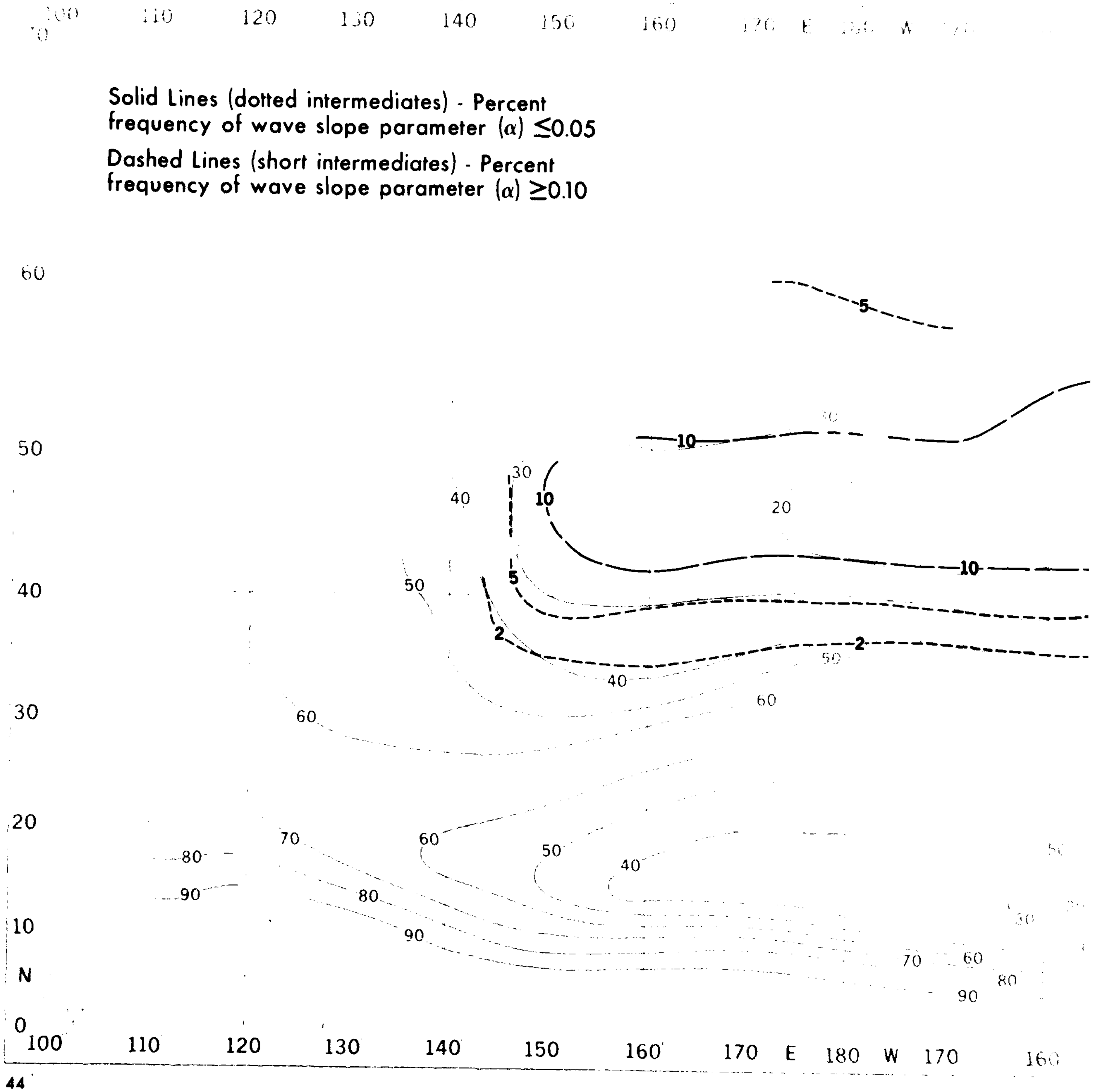


70
60
50
40
30
20
10
N
0
170
E
180
W
170
160
150
140
130
120
110
15
10
20
5
2
30
40
50
60
70
80
90

2

MAY

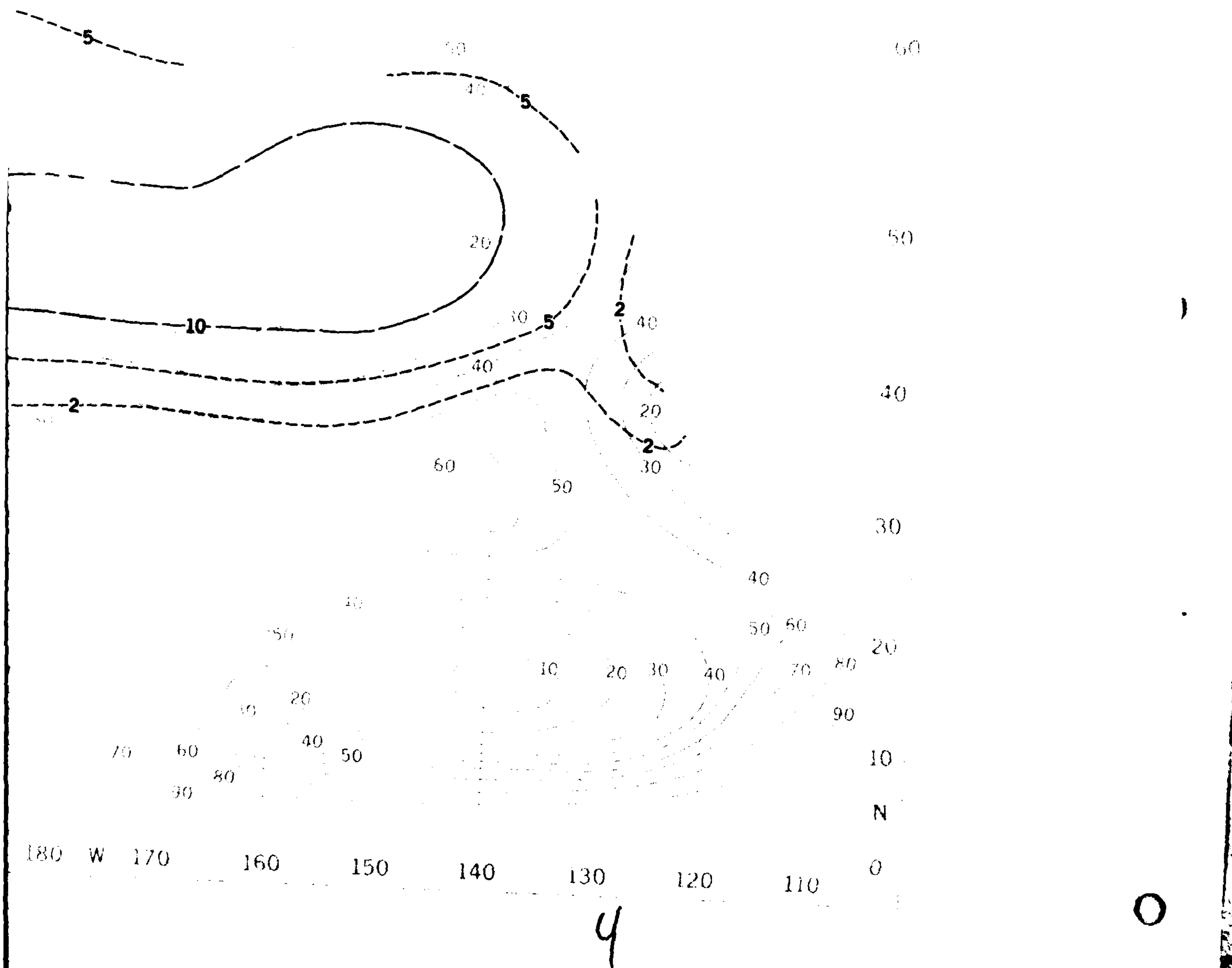
WA



Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05
Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10
100
110
120
130
140
150
160
170
E
180
W
170
160
60
50
40
30
20
10
N
0
5
10
2
20
30
40
50
60
70
80
90

3

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

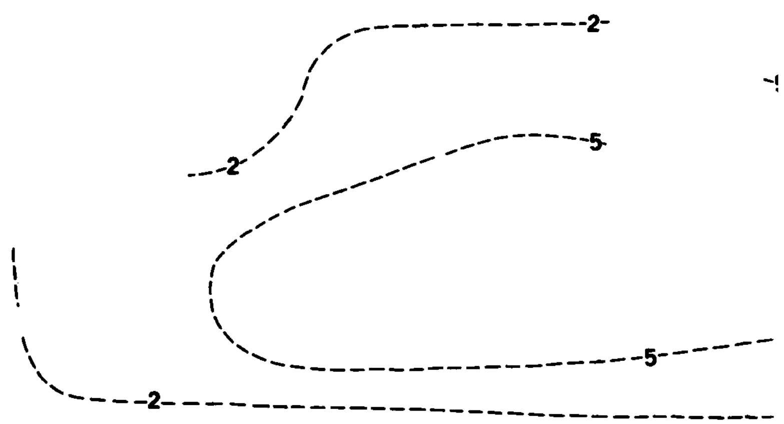


4

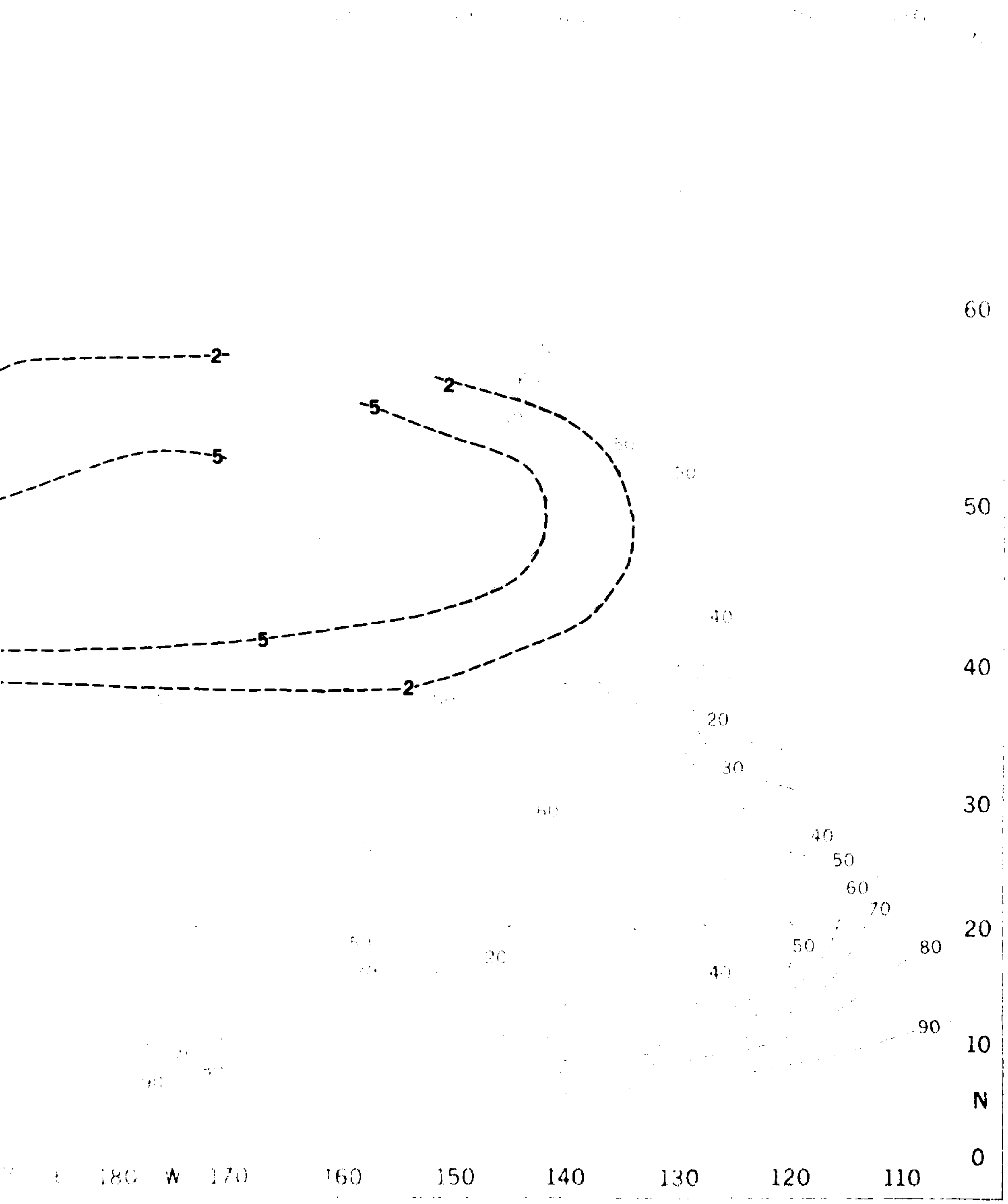
WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10

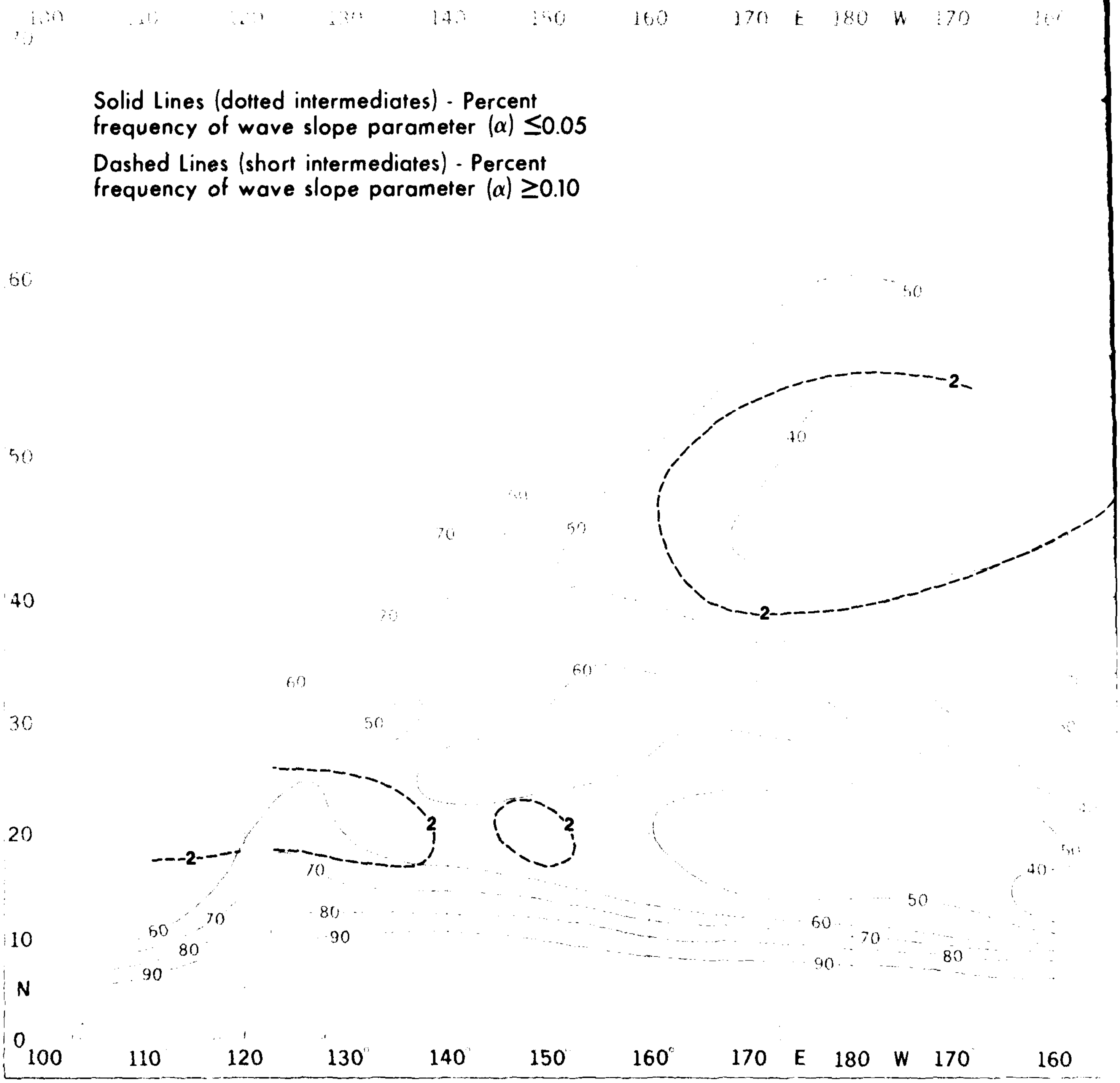


JUNE

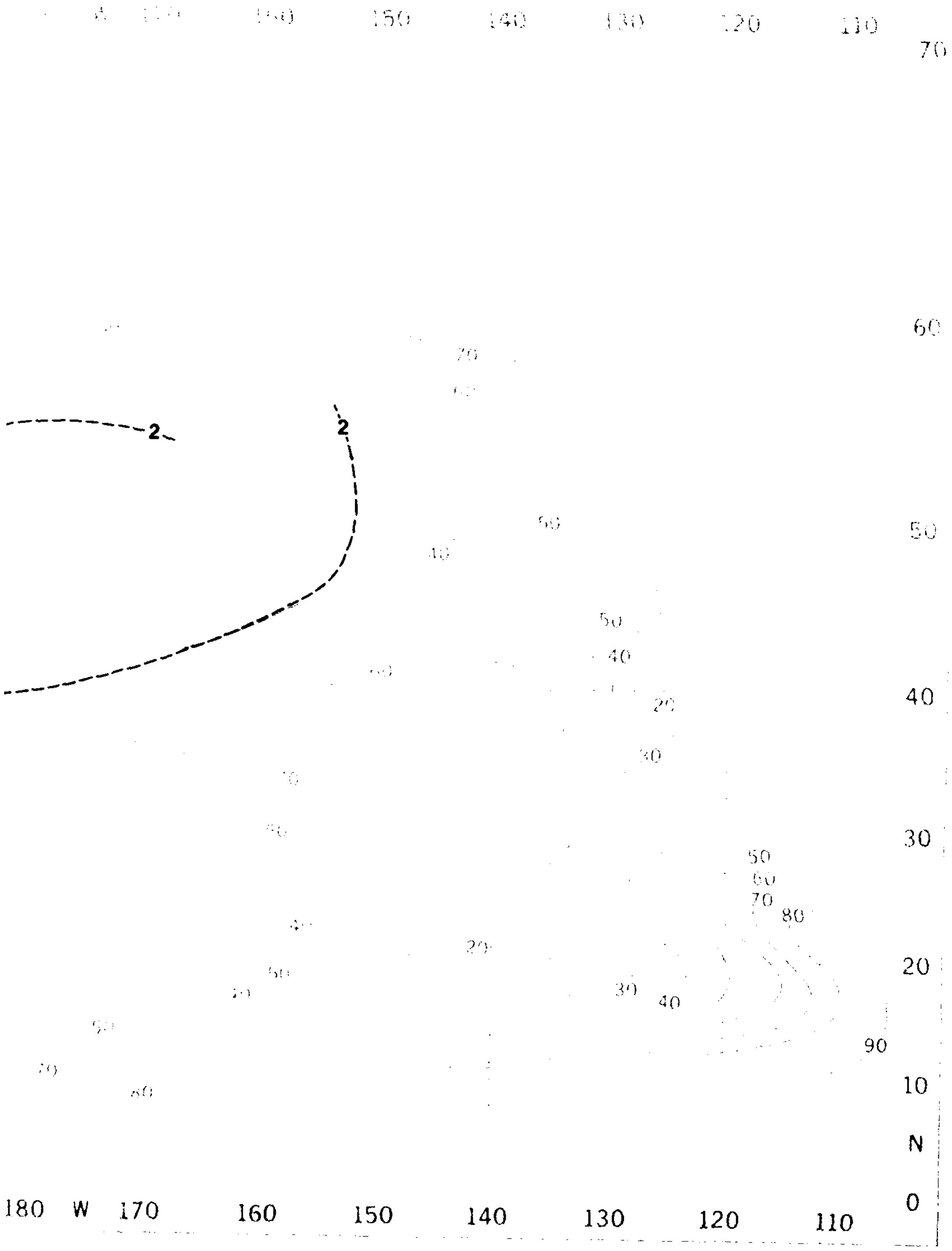

2
5
5
2
5
2
60
50
40
30
20
10
N
0
40
20
30
40
50
60
70
50
80
90
180
W
170
160
150
140
130
120
110

2

JULY WAV

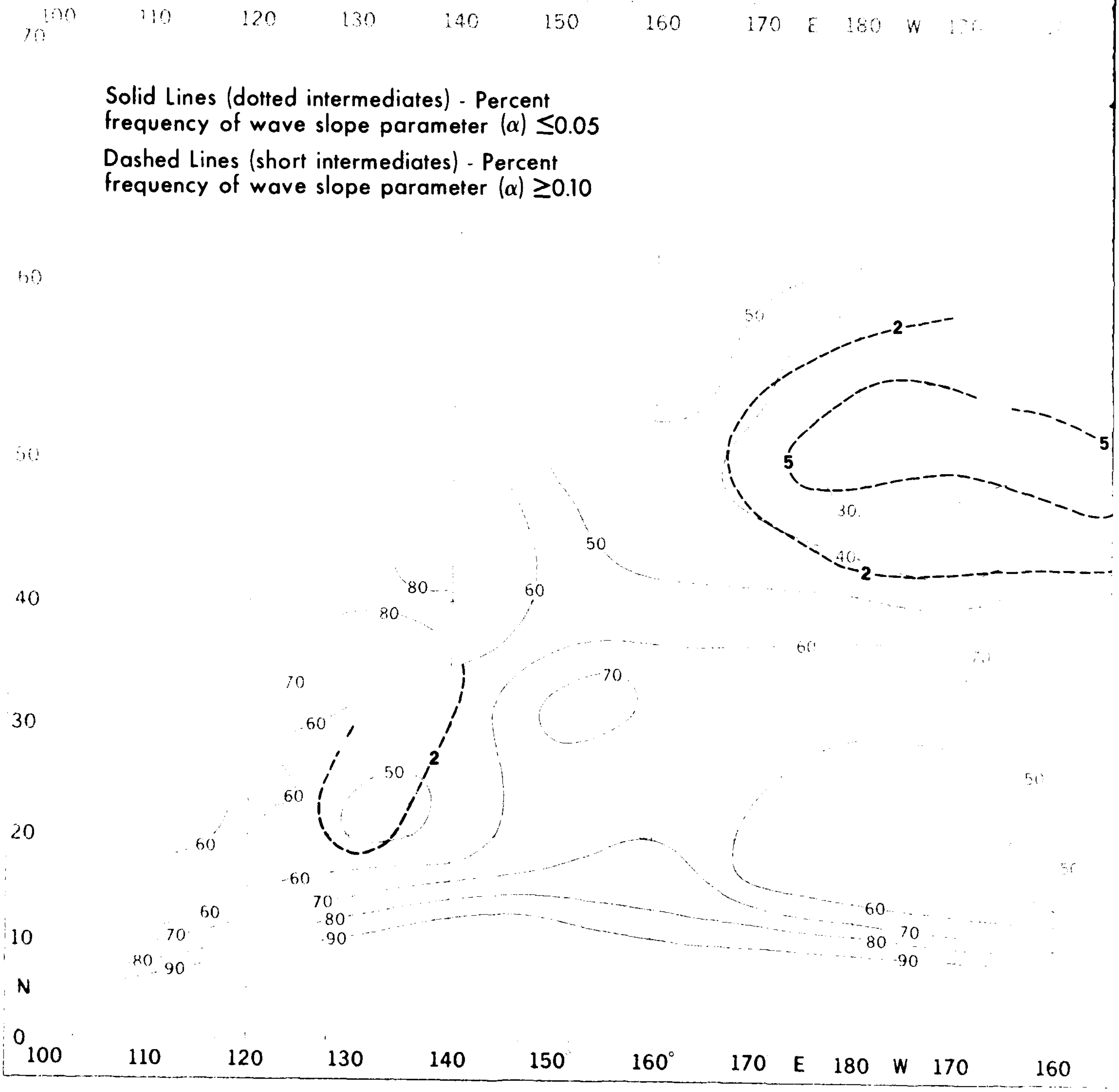

Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) ≤0.05
Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) ≥0.10
100
110
120
130
140
150
160
170
E
180
W
170
160
N
0
10
20
30
40
50
60
2
40
50
60
70
80
90

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

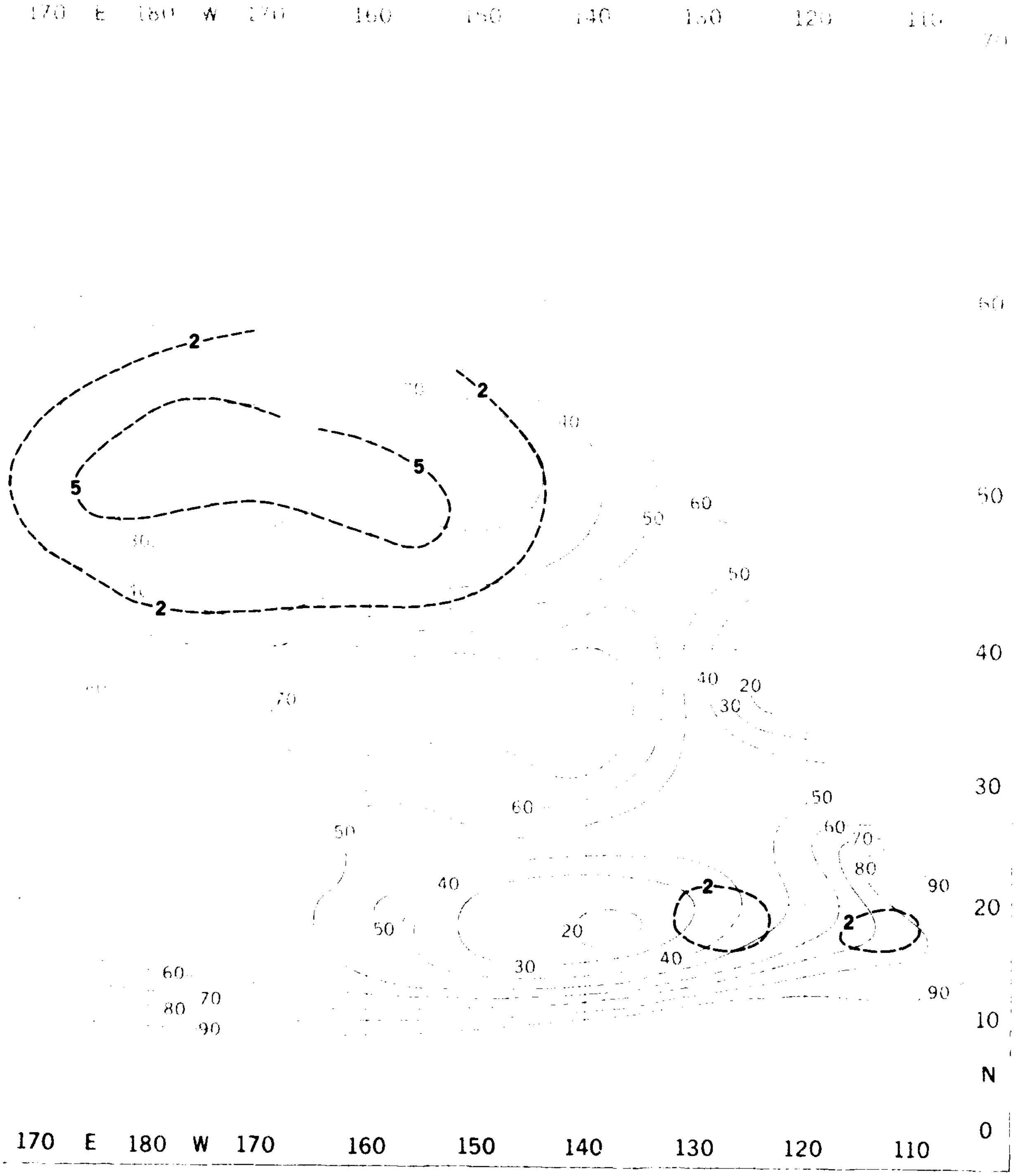


4

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



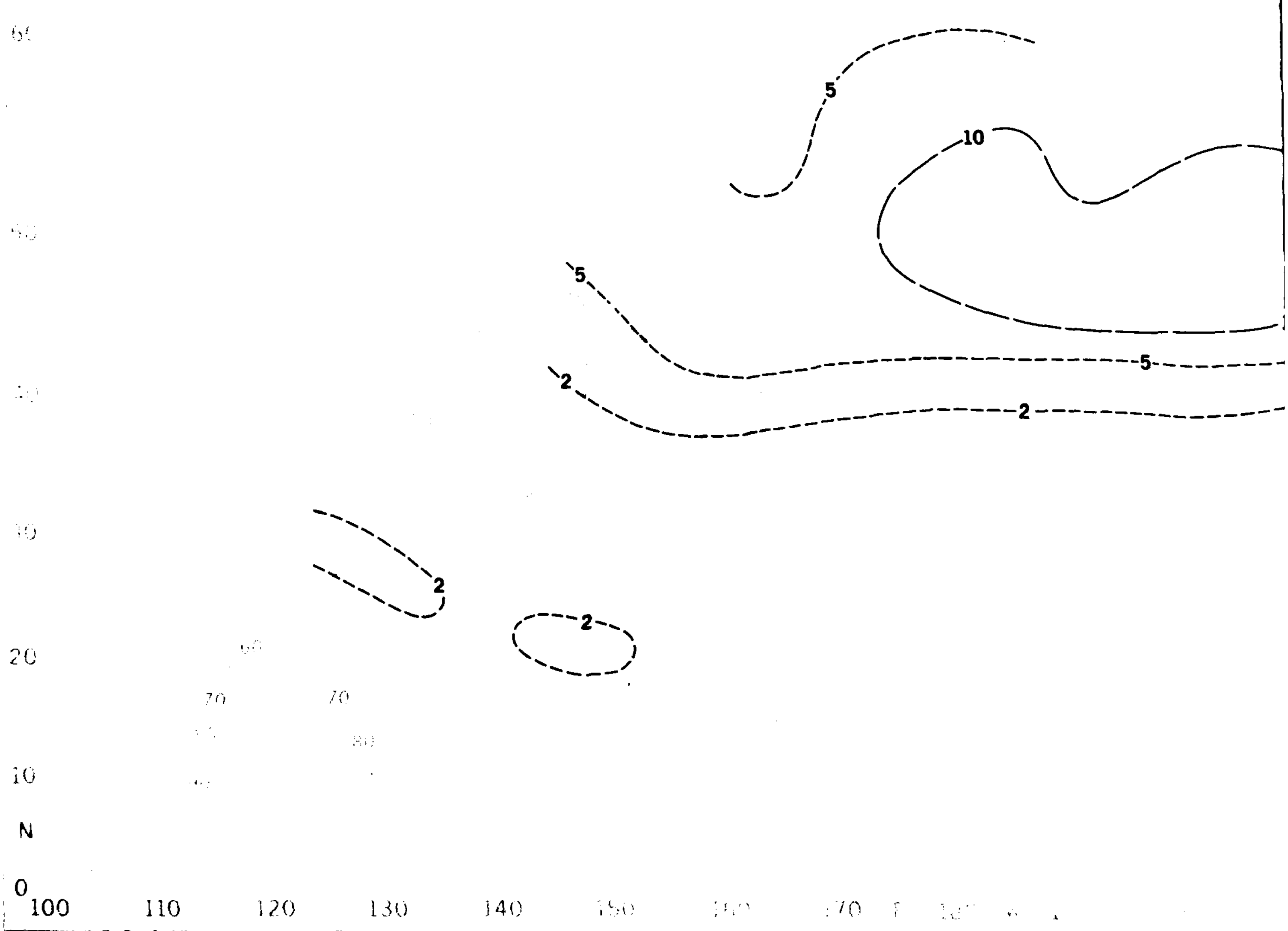
AUGUST


170 E 180 W 170 160 150 140 130 120 110
60
50
40
30
20
10
N
0
2
5
2
5
2
2
2
60
50
50
40
20
30
50
60
70
80
90
60
50
40
50
20
30
40
90
60
80
70
90
170 E 180 W 170 160 150 140 130 120 110

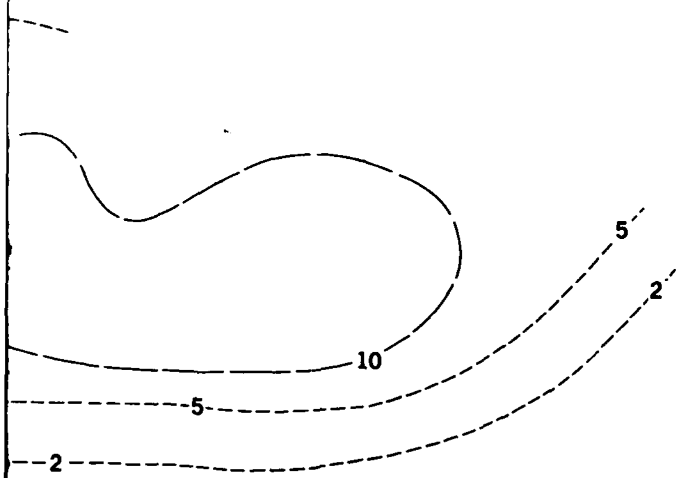
2

Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10



WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

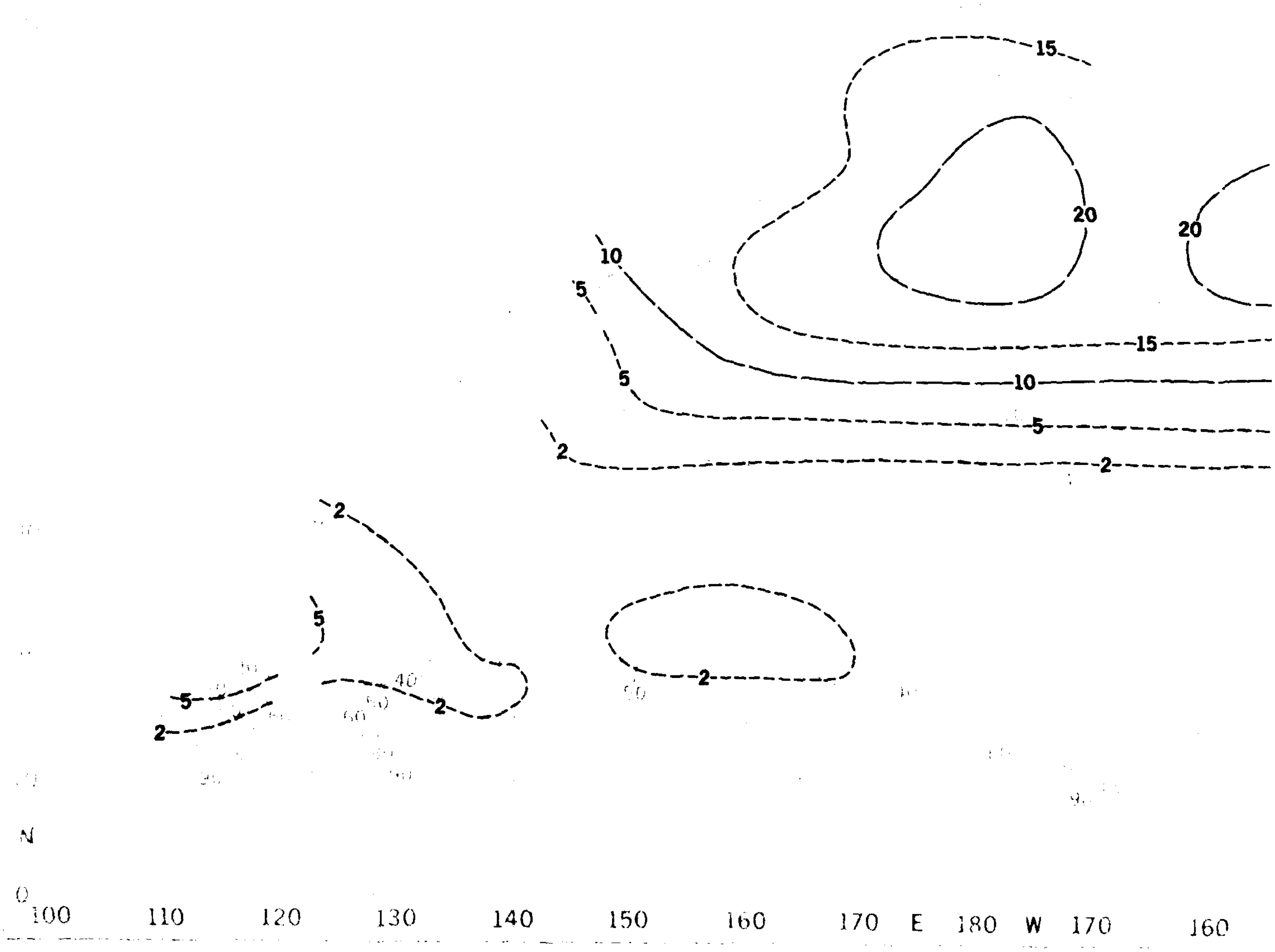


4

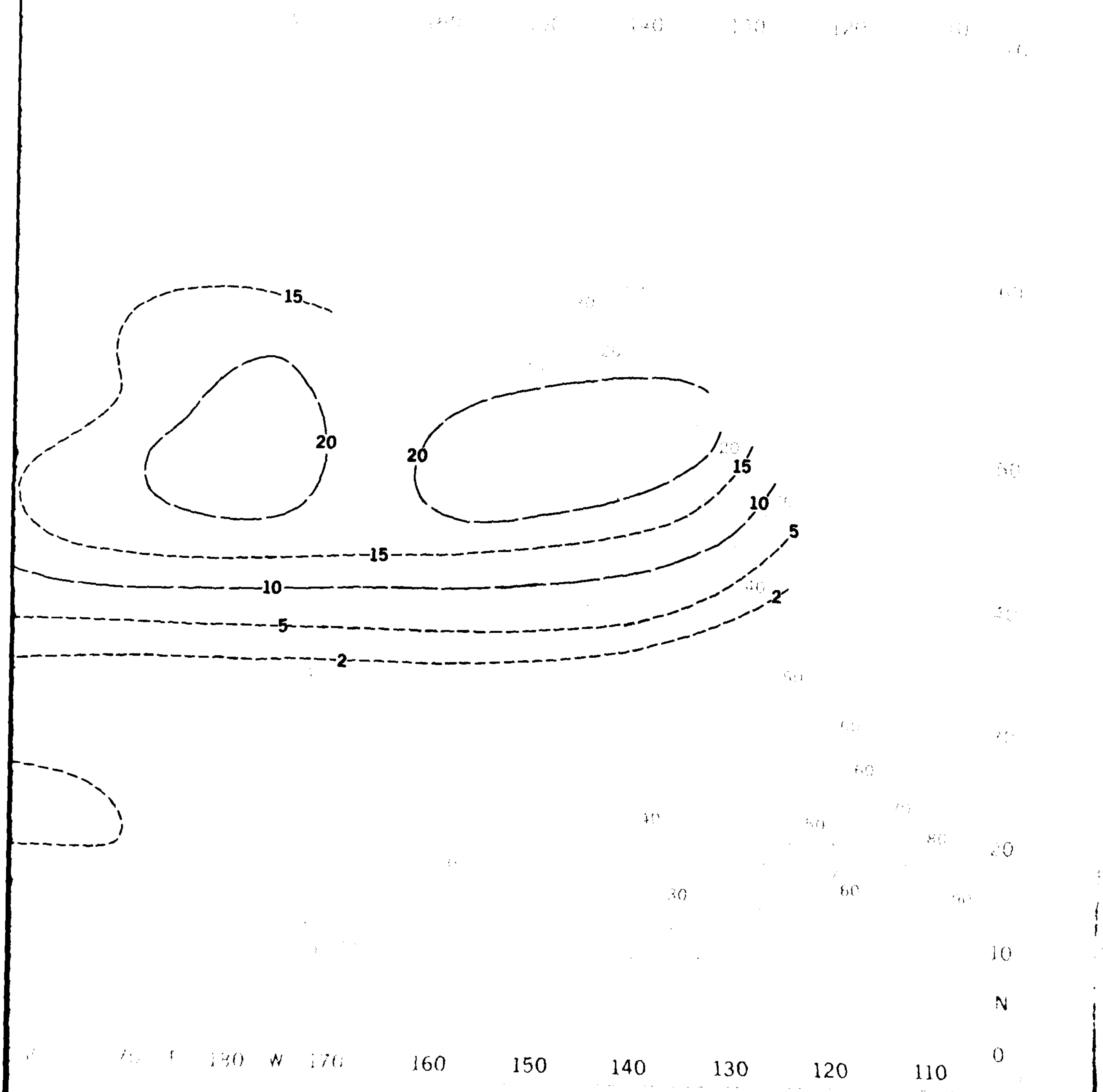
WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10



OCTOBER



2

NOVEMBER

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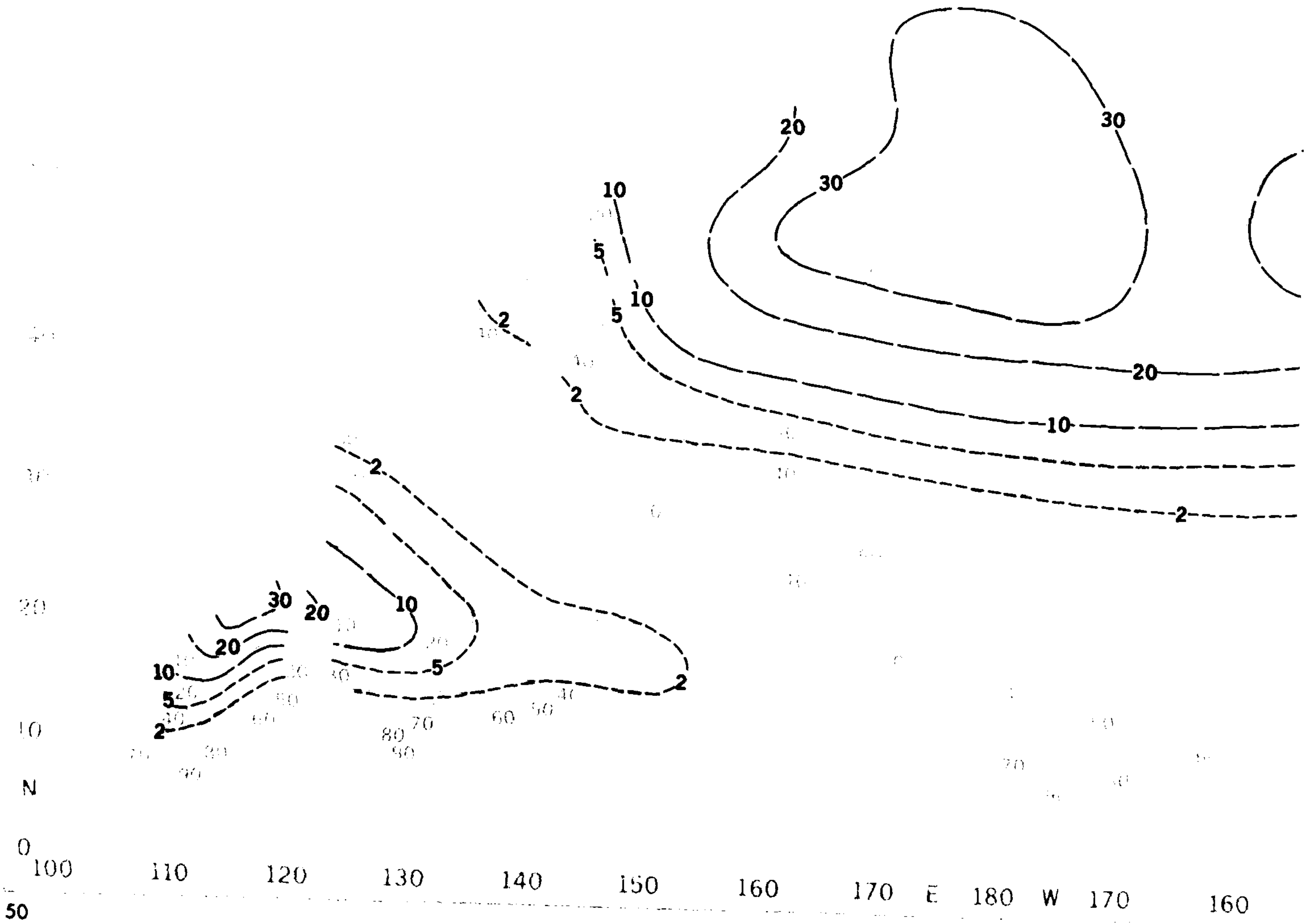
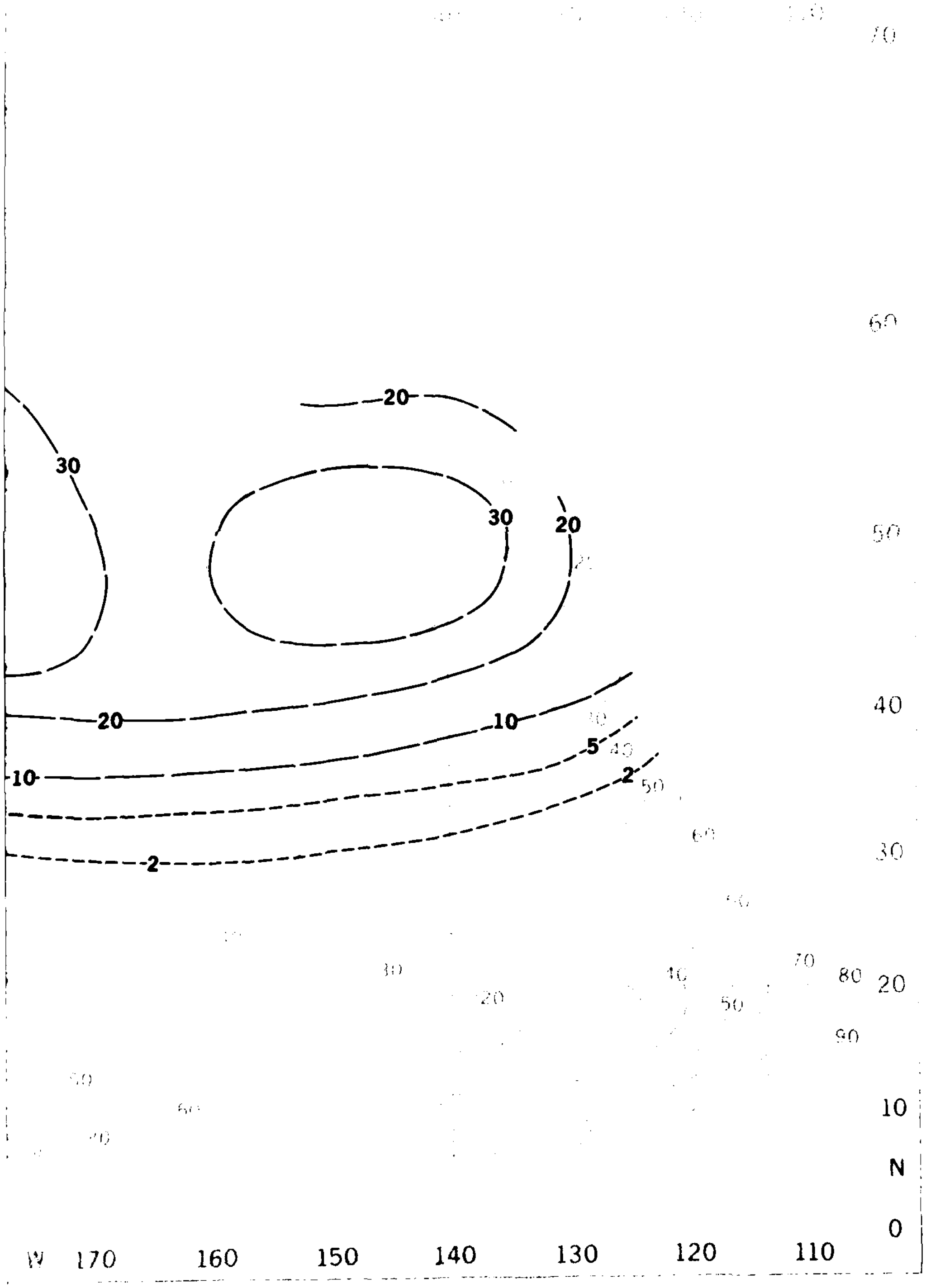
Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) ≤ 0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) ≥ 0.10



WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



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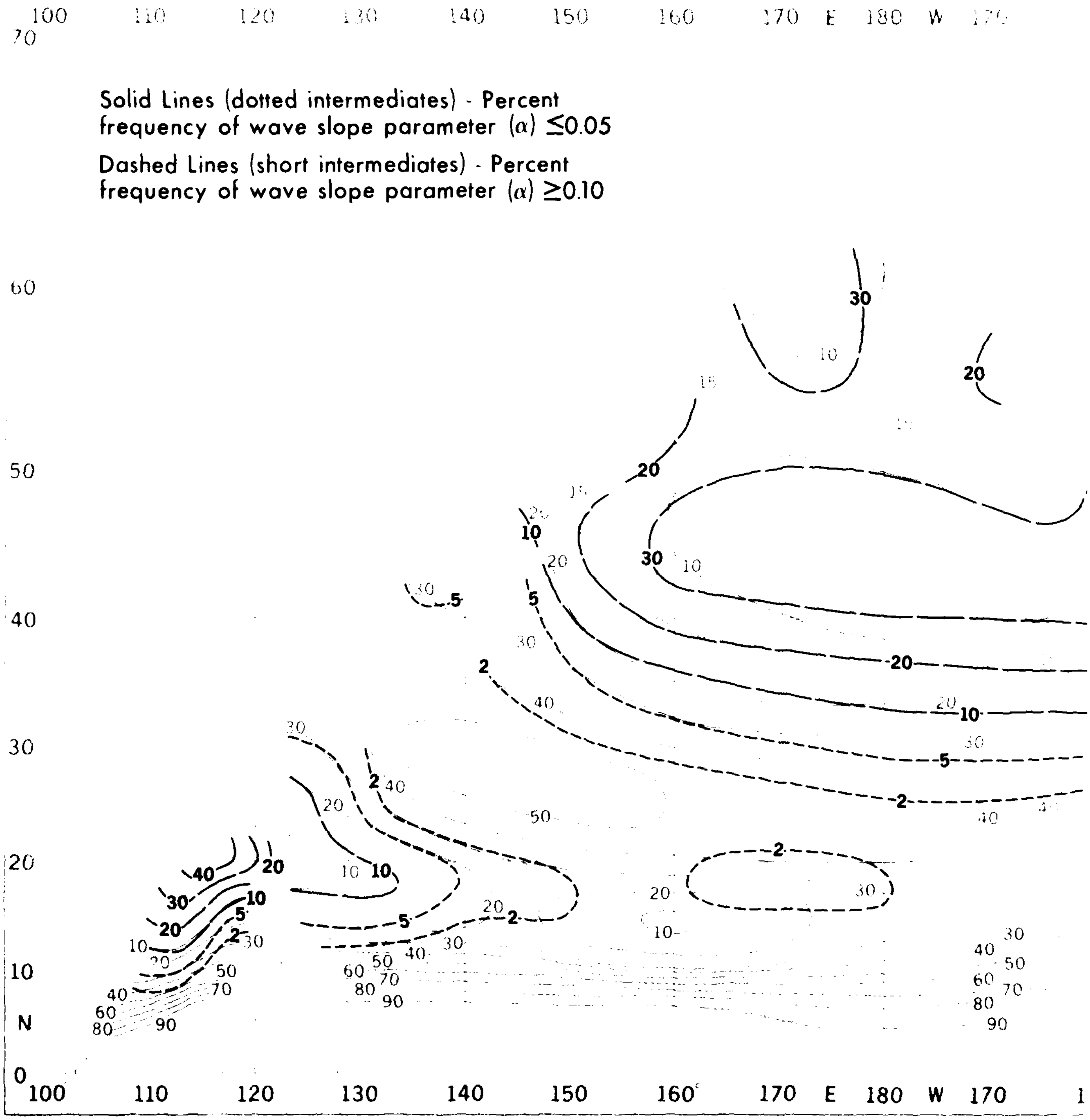
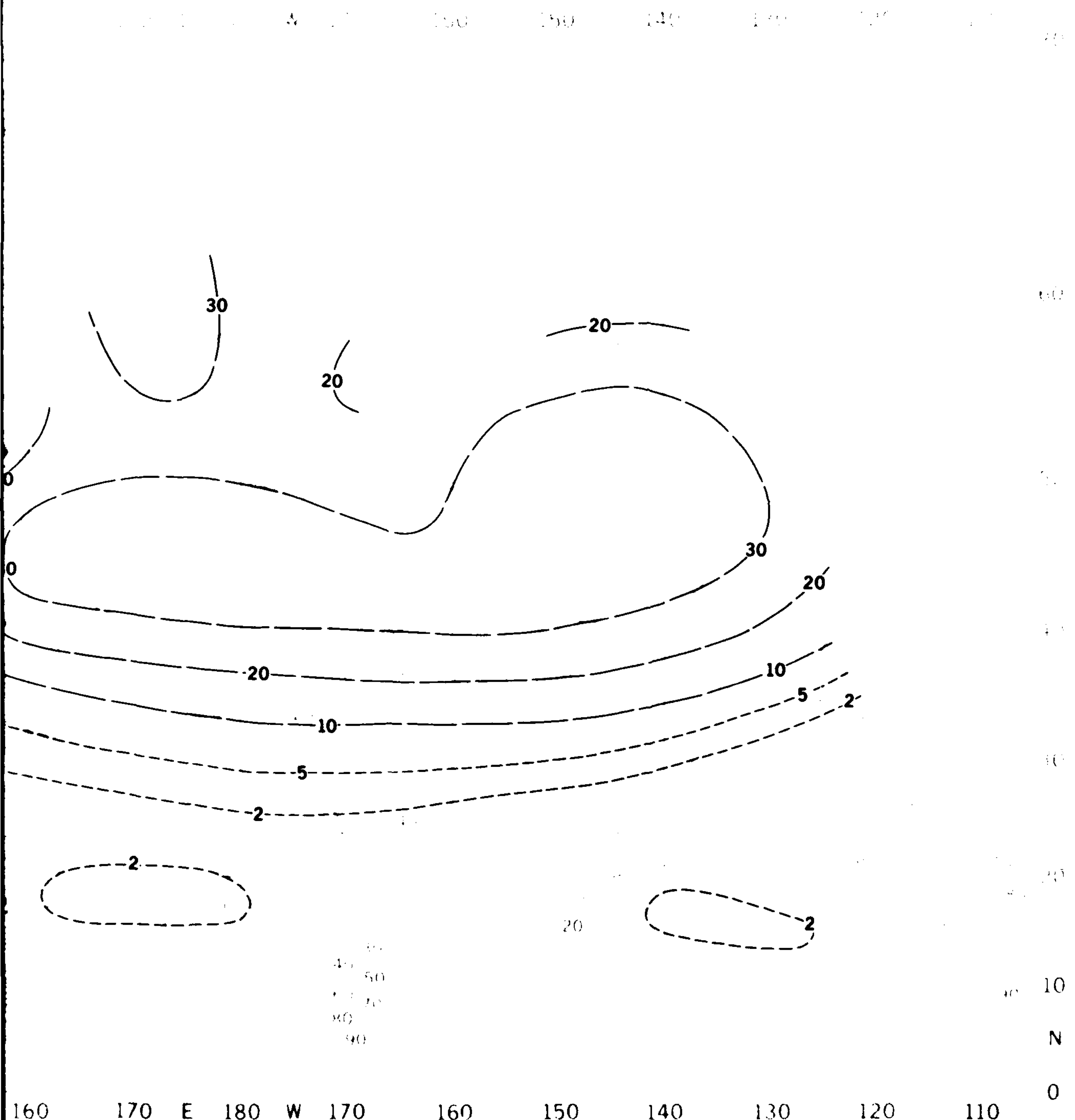
WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



DECEMBER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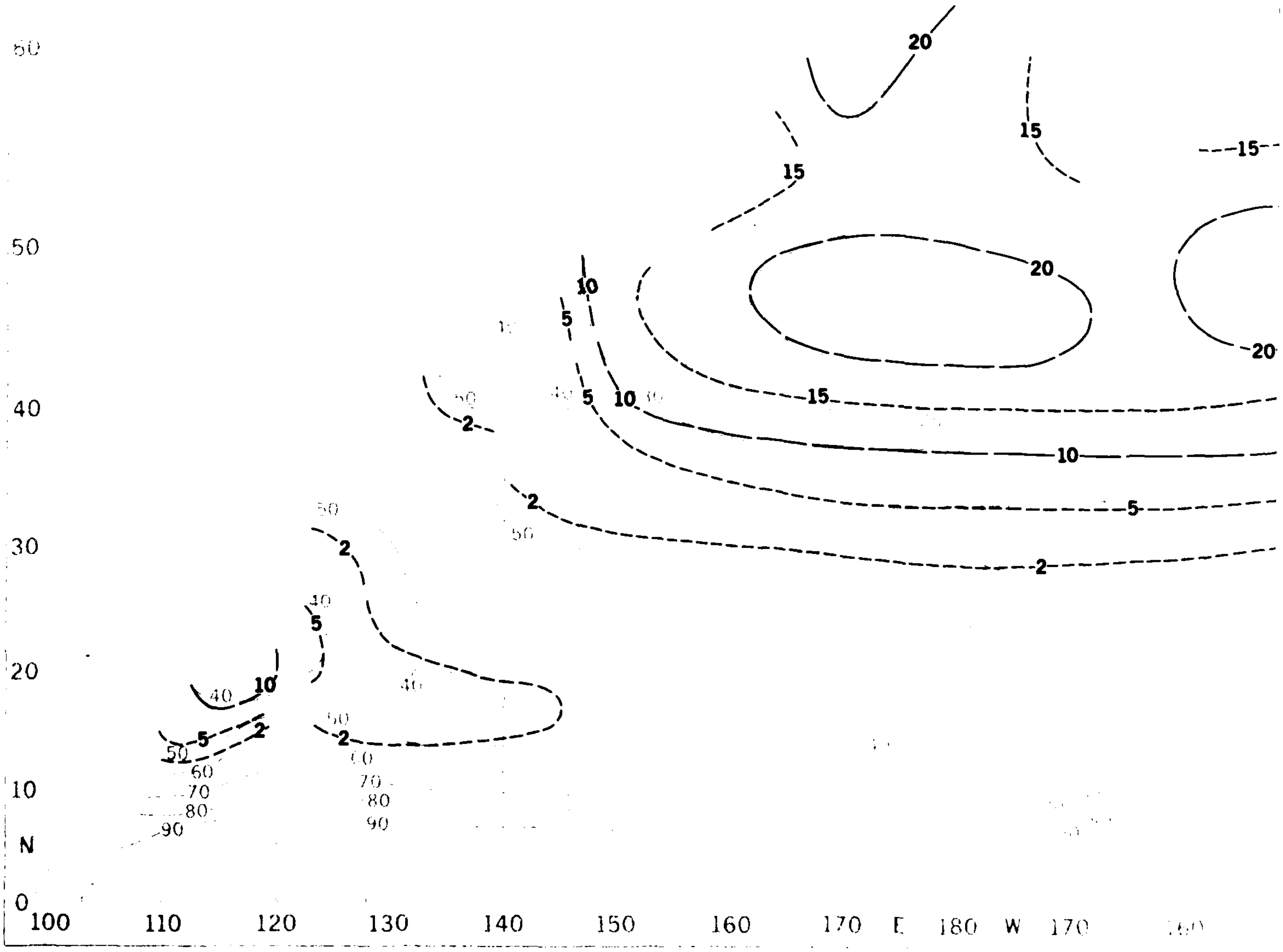
120
110

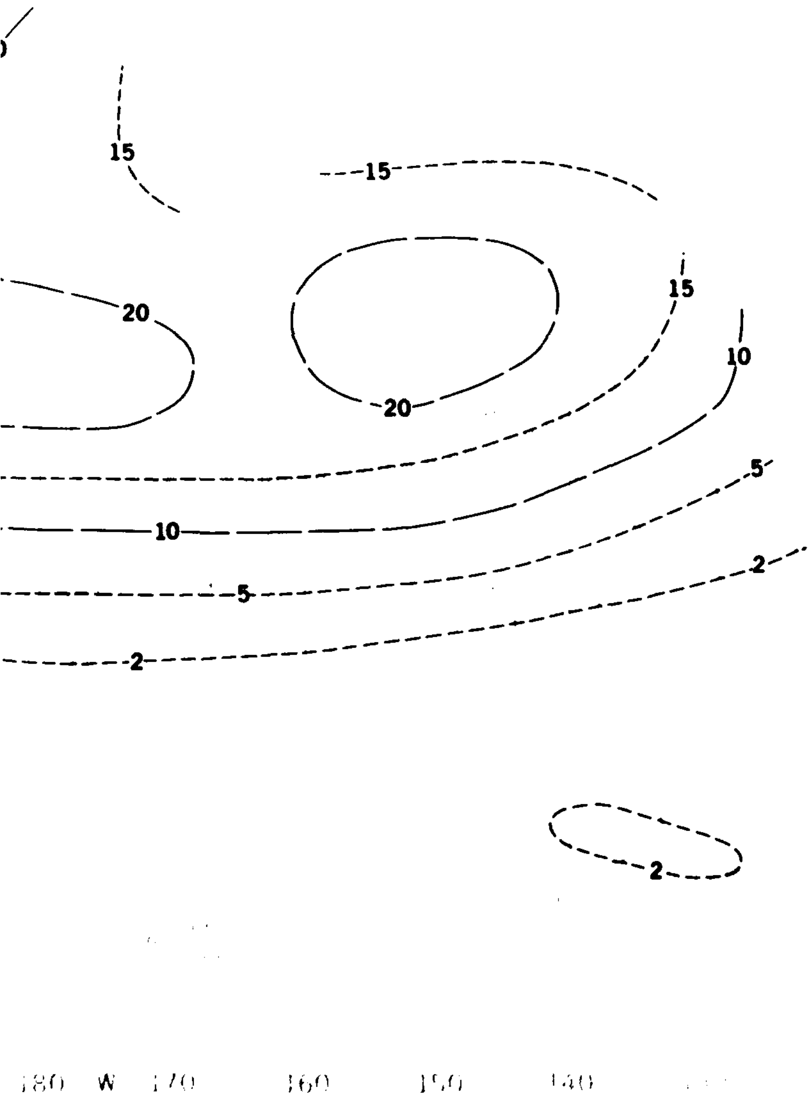
ANNUAL WAVE

Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

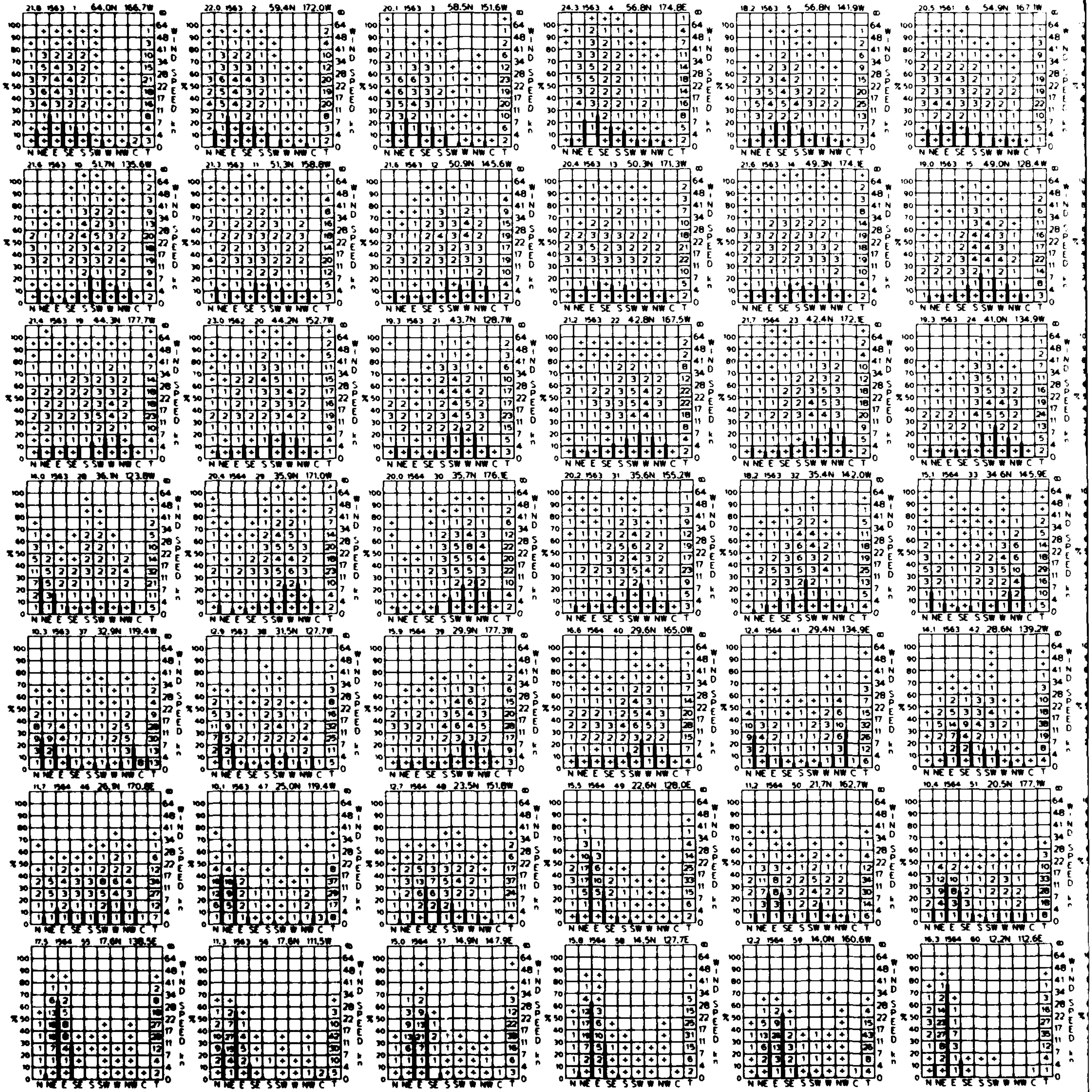
Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10

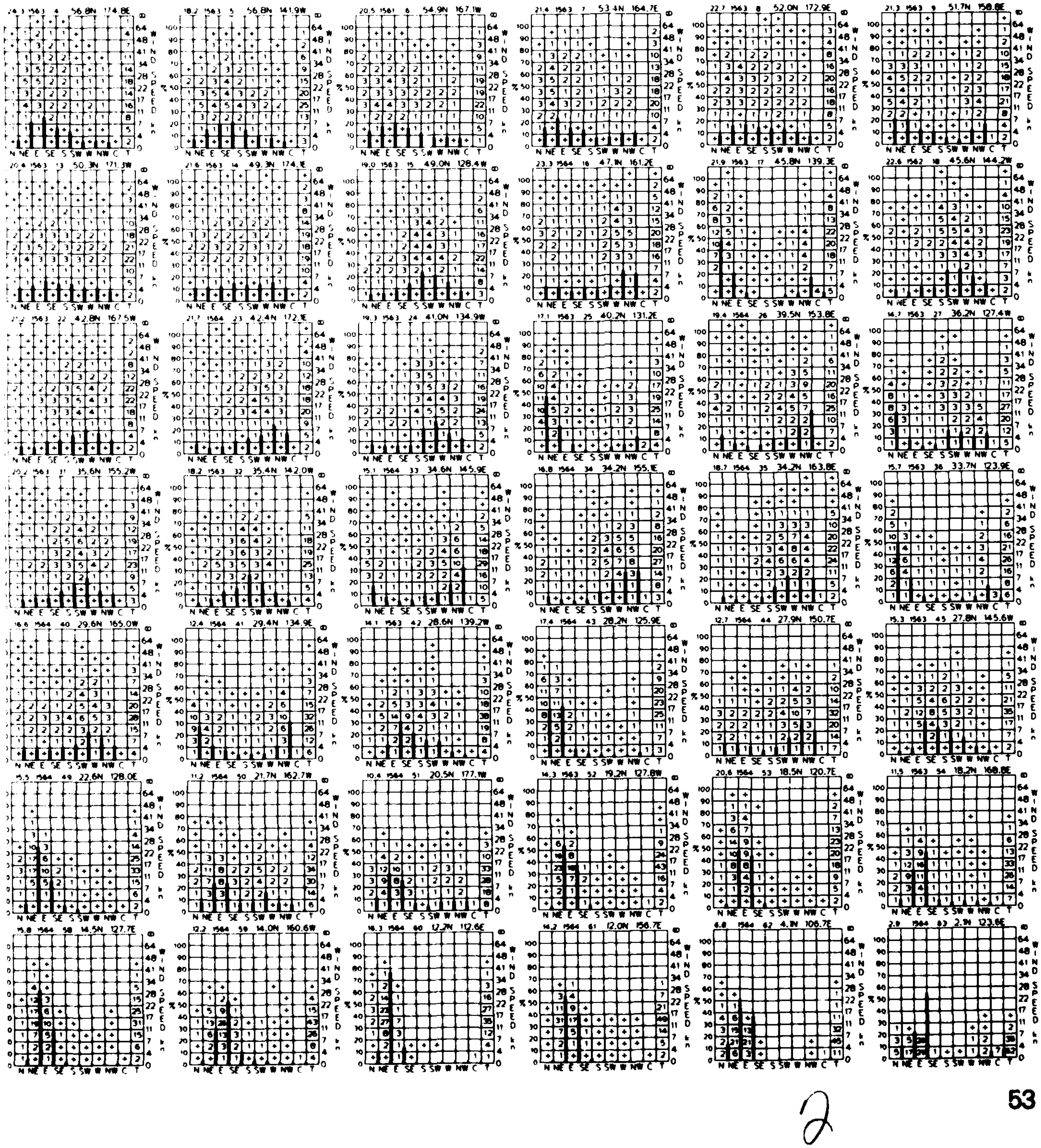


WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



WIND DIRECTION AND SPEED





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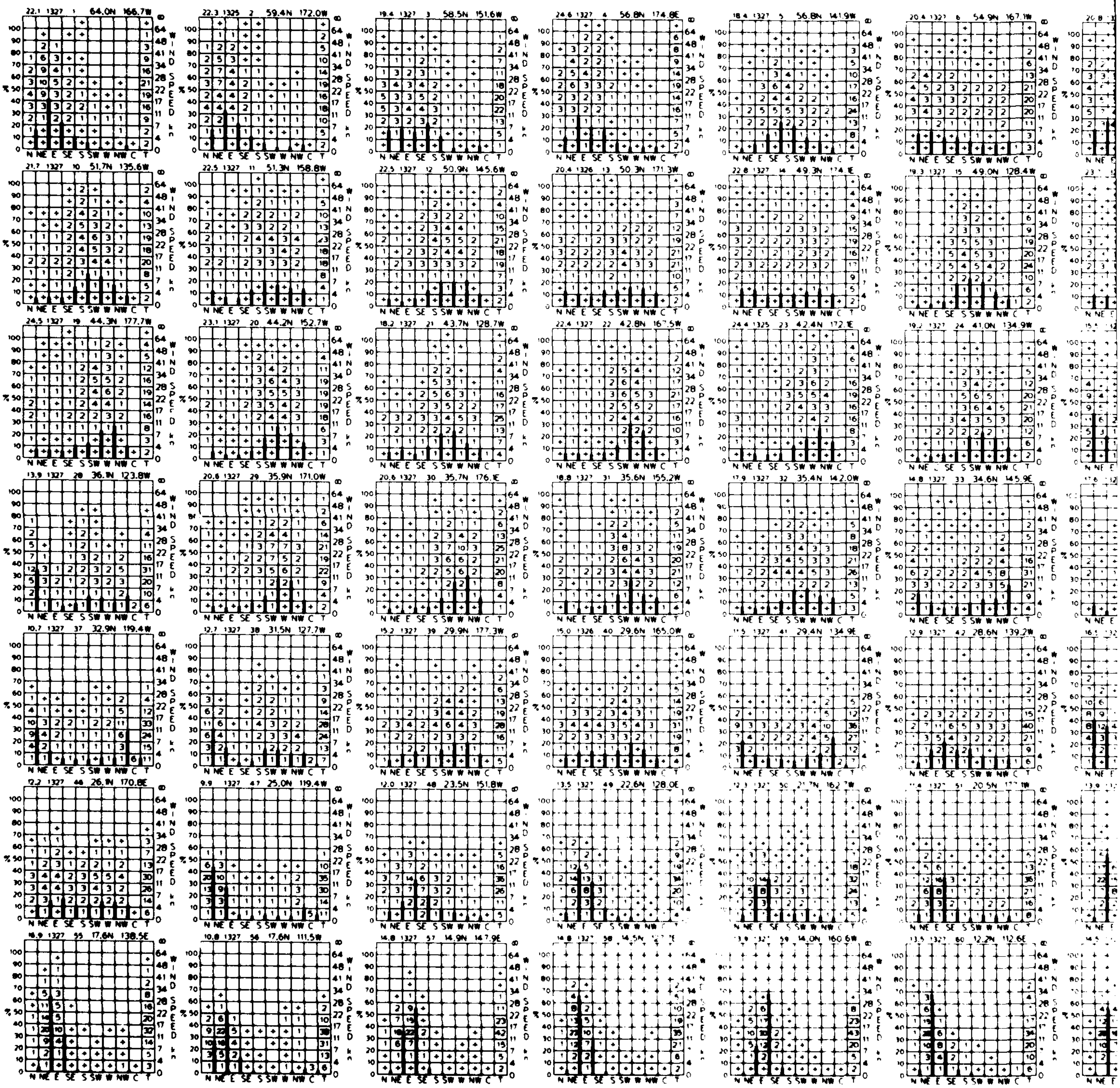
FEBRUARY

WIN



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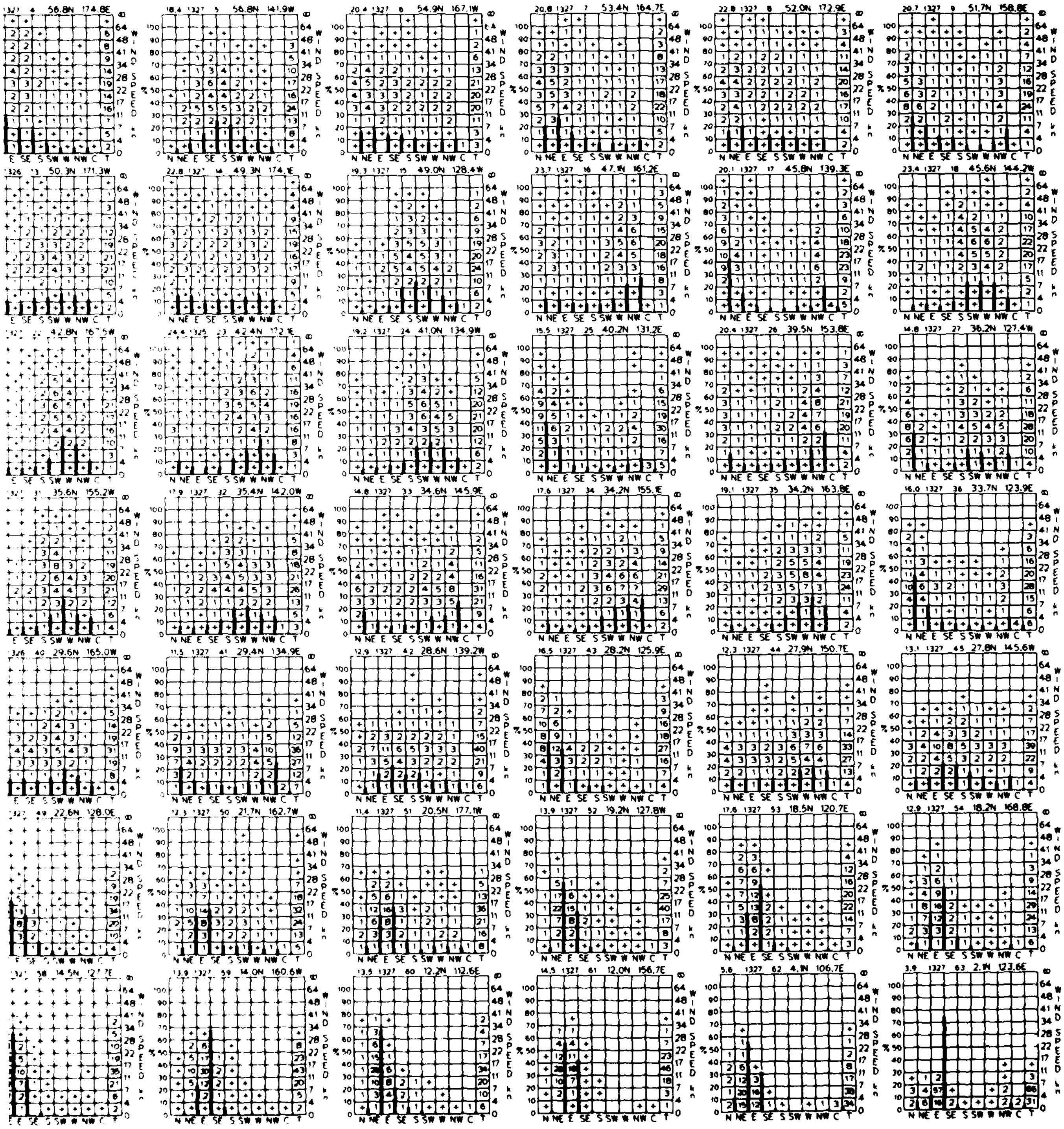
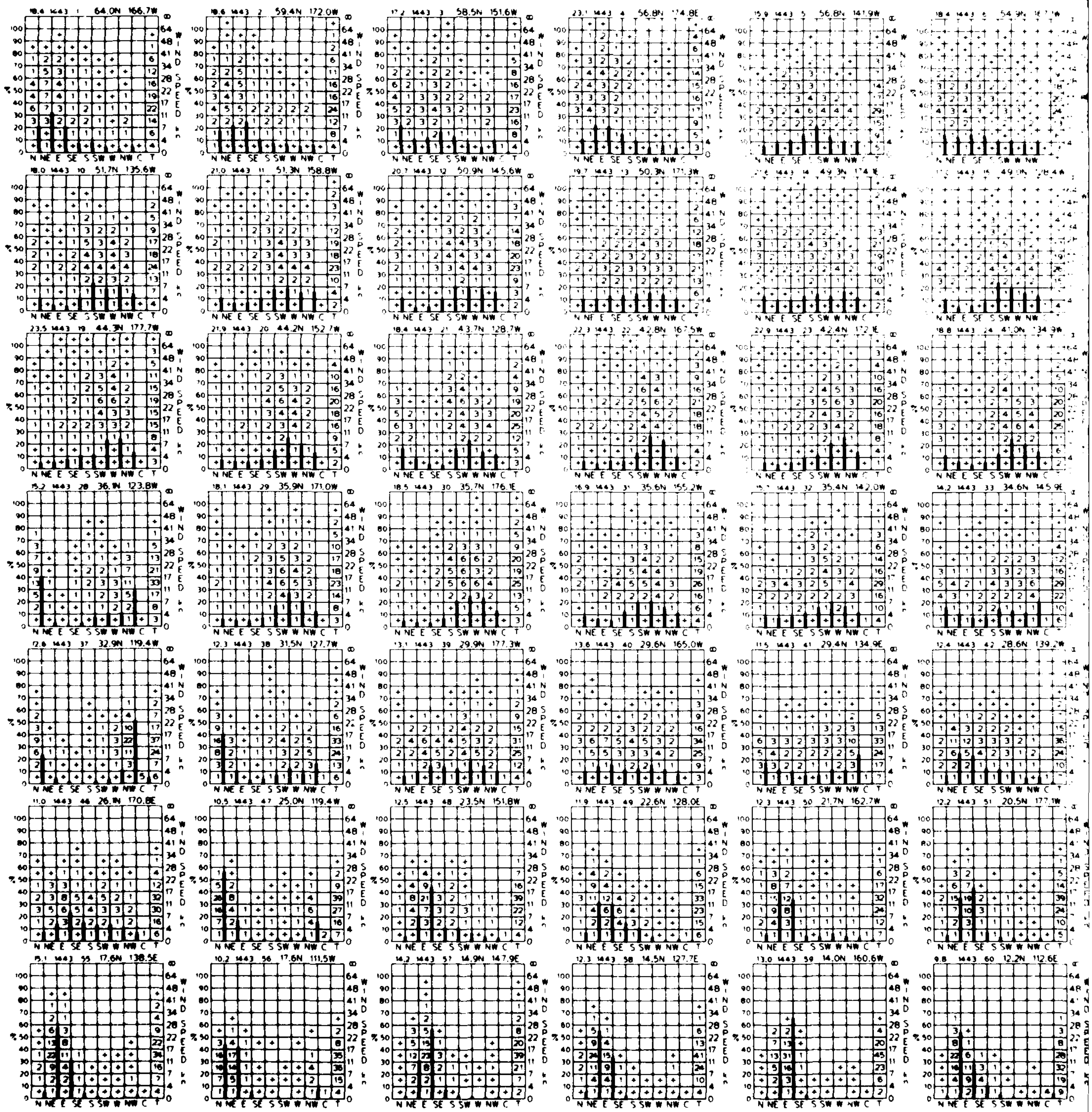
WIND DIRECTION AND SPEED



WIND DIRECTION AND SPEED



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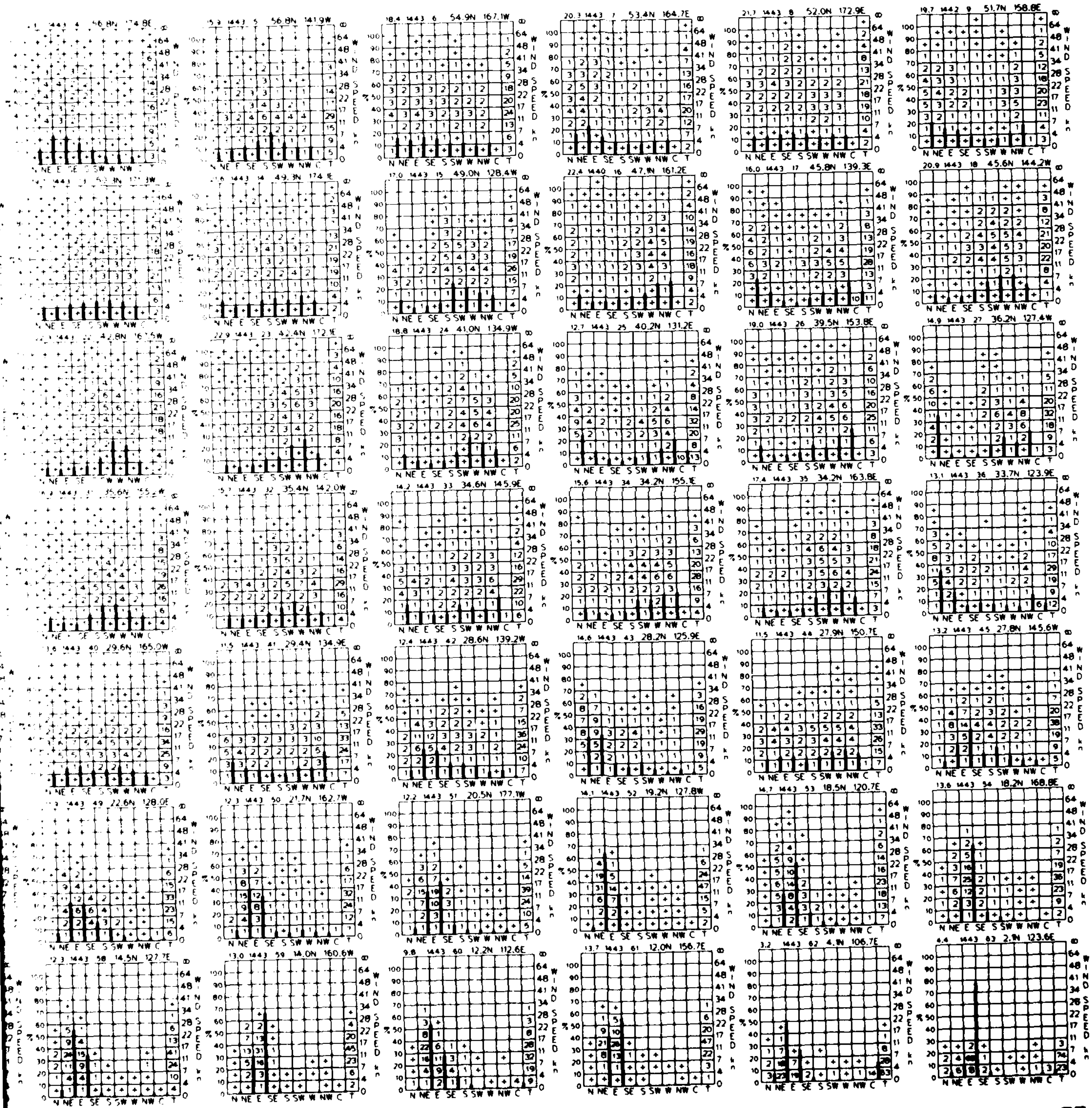
MARCH



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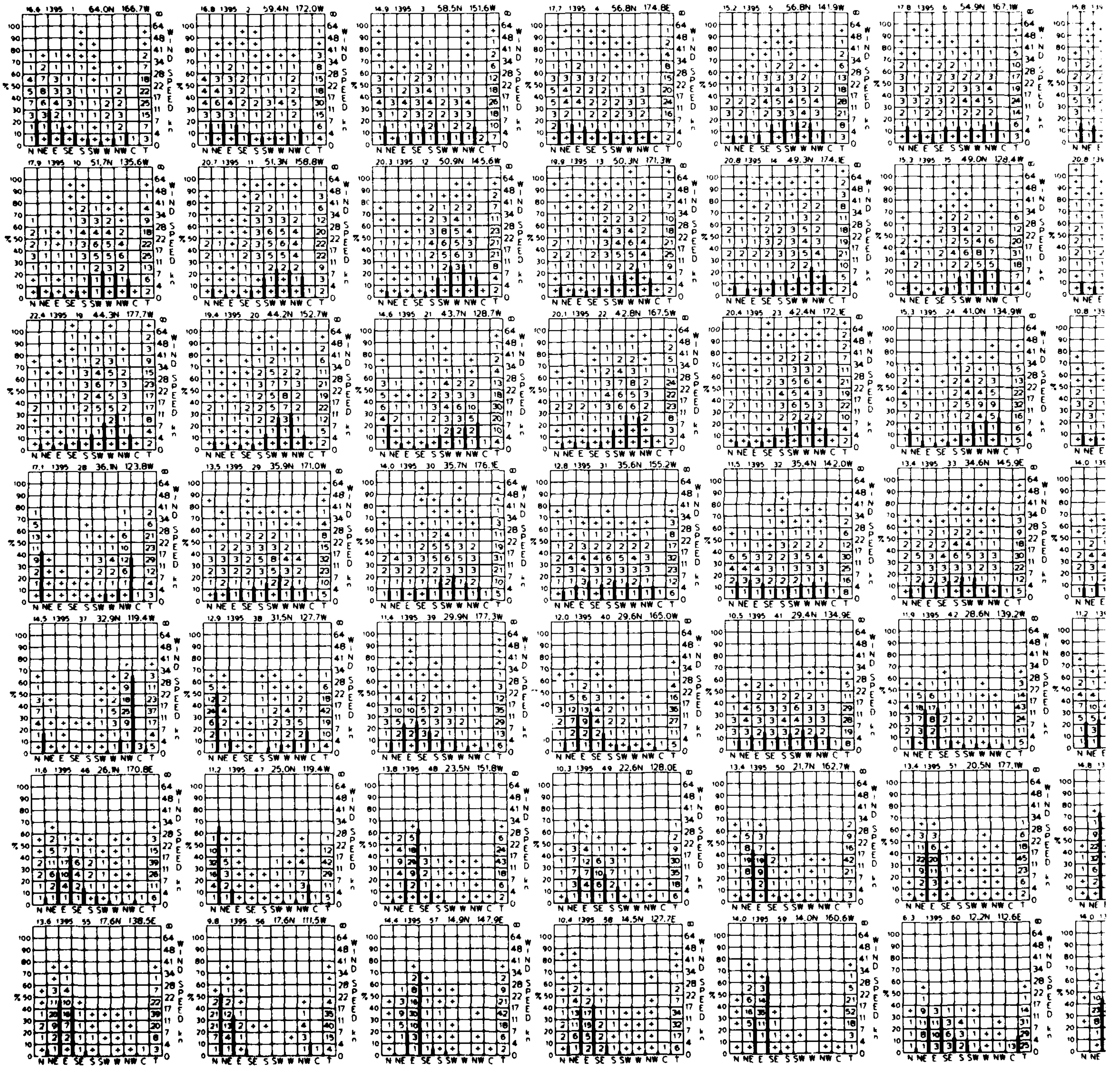
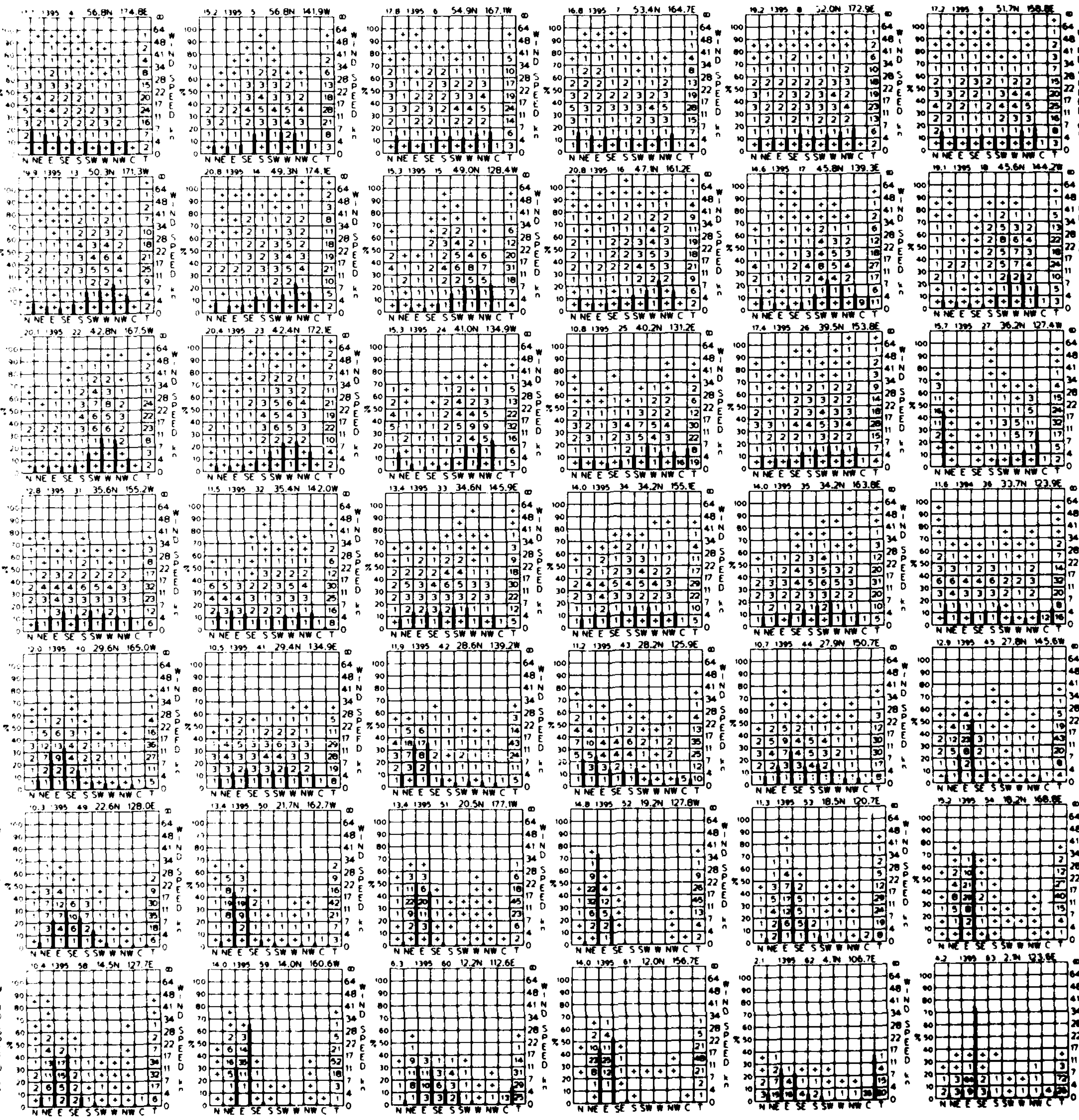
APRIL

WIN



WIND DIRECTION AND SPEED



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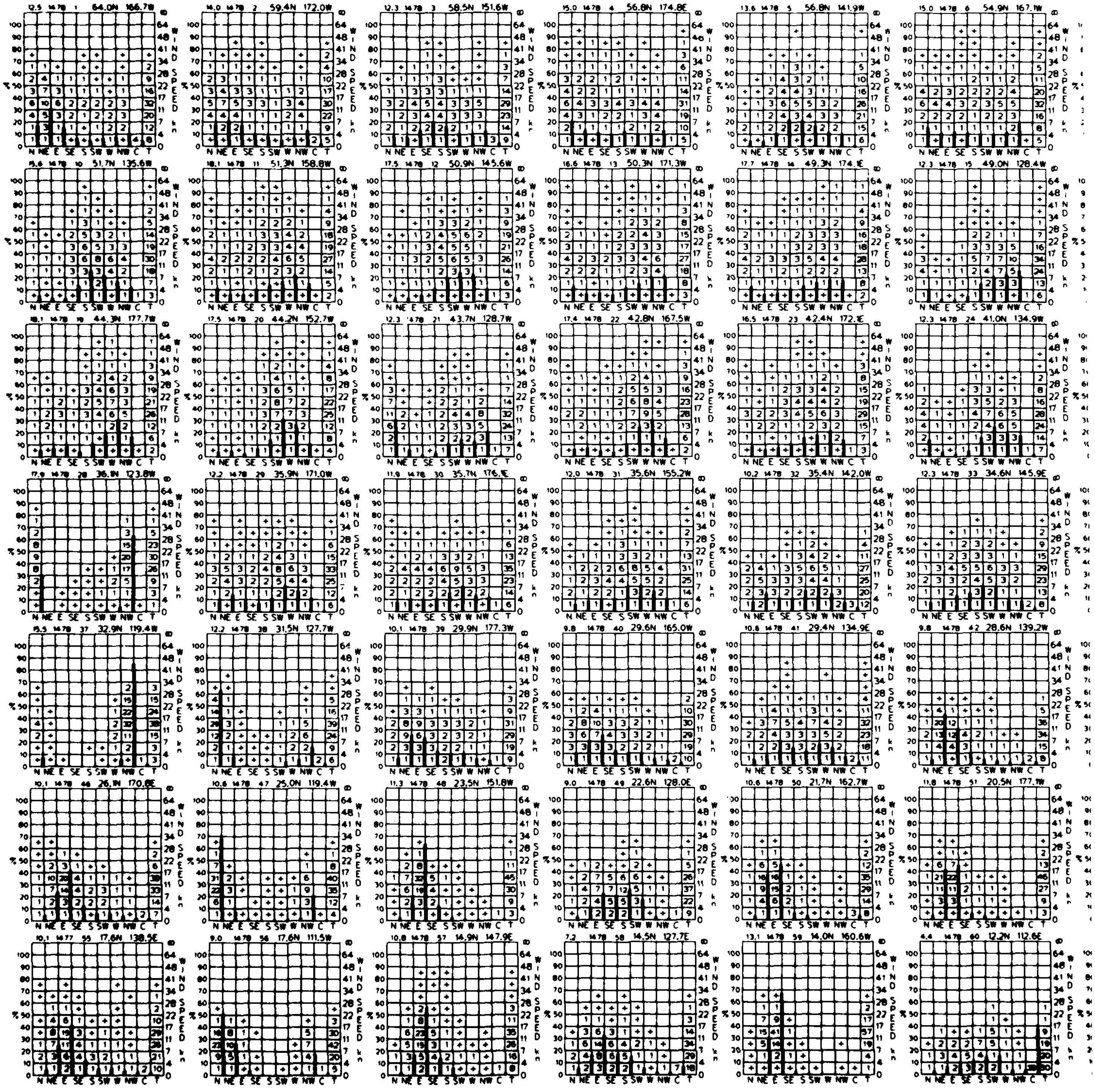
WIND DIRECTION AND SPEED



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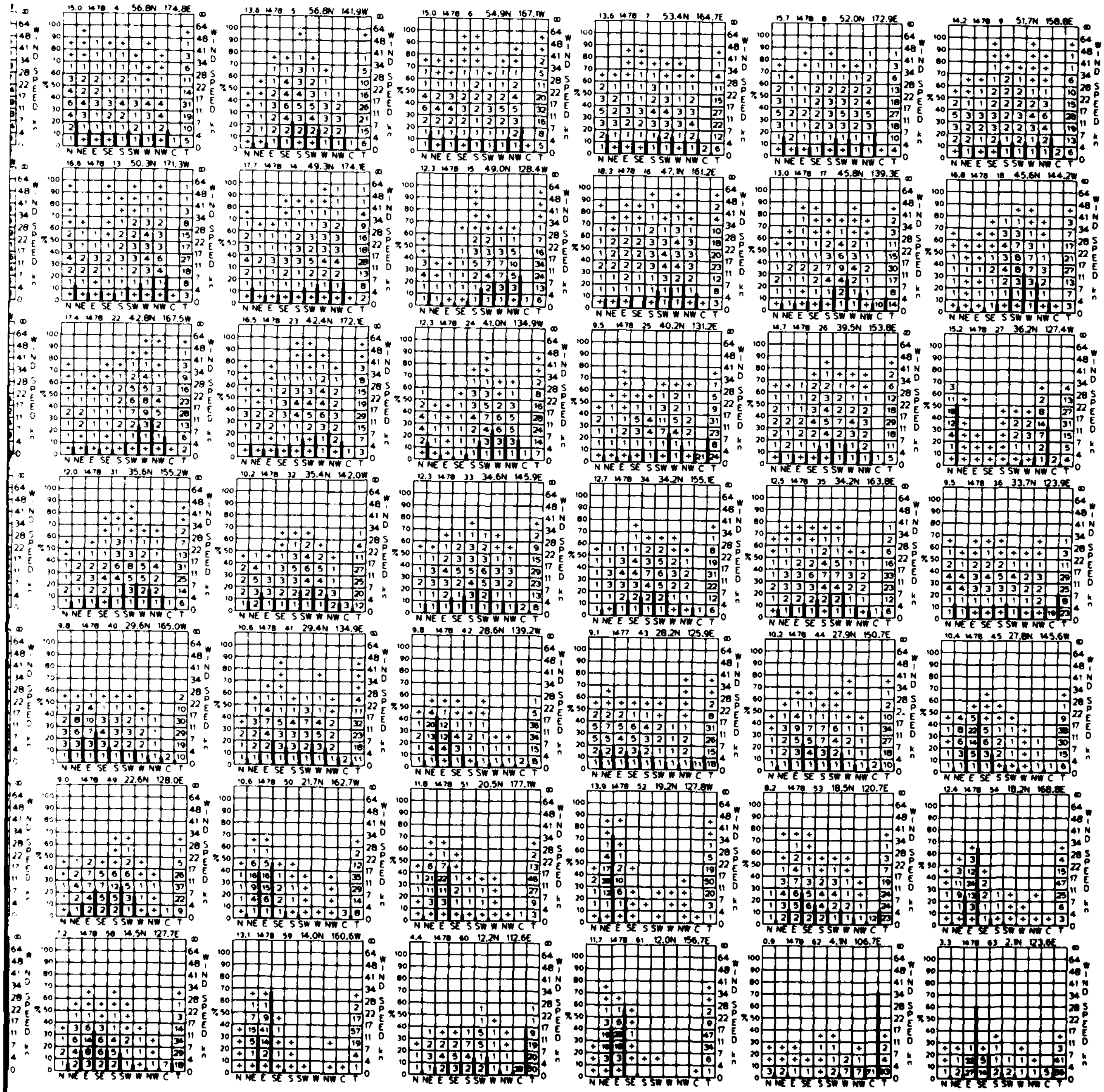
MAY



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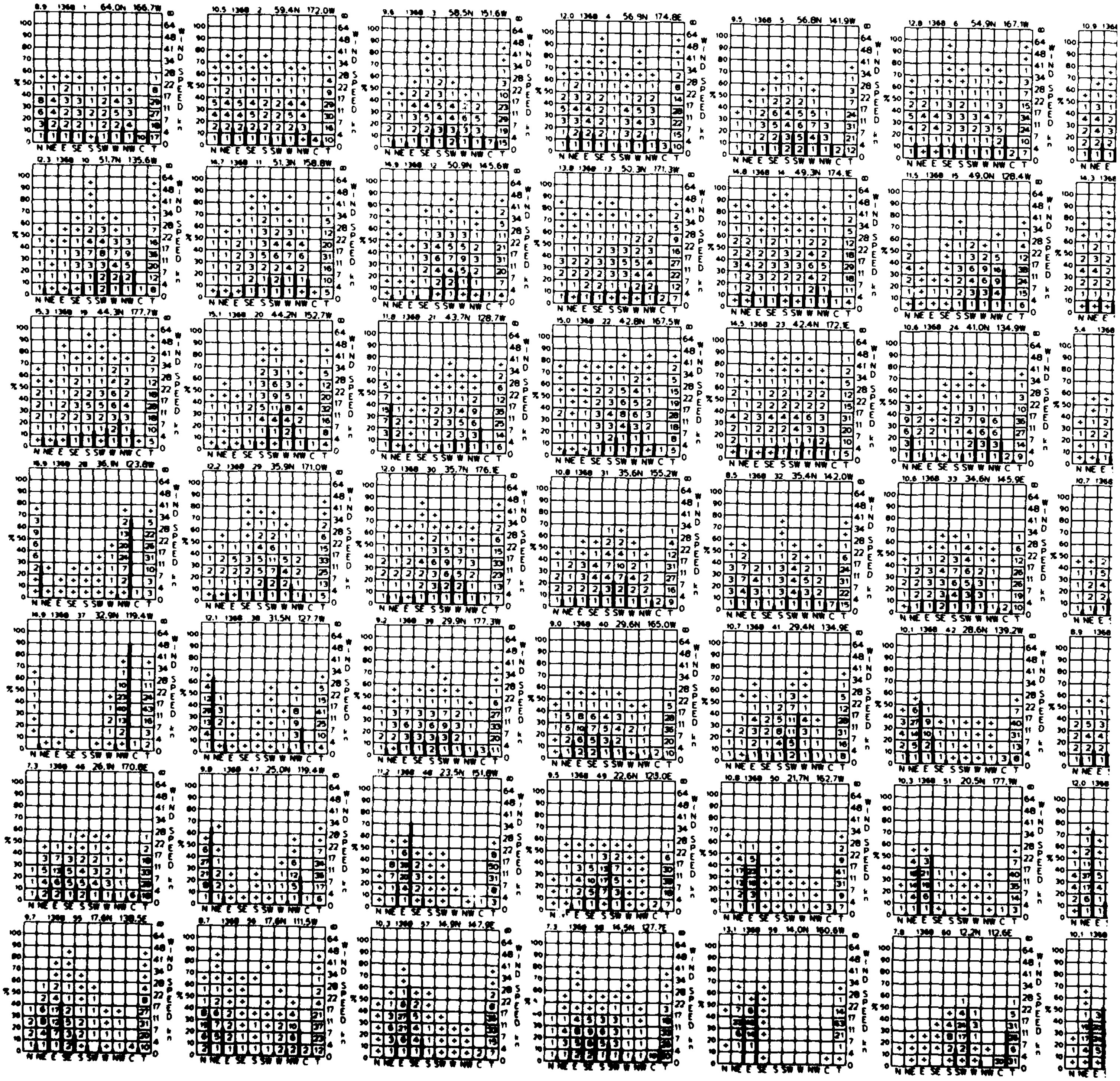
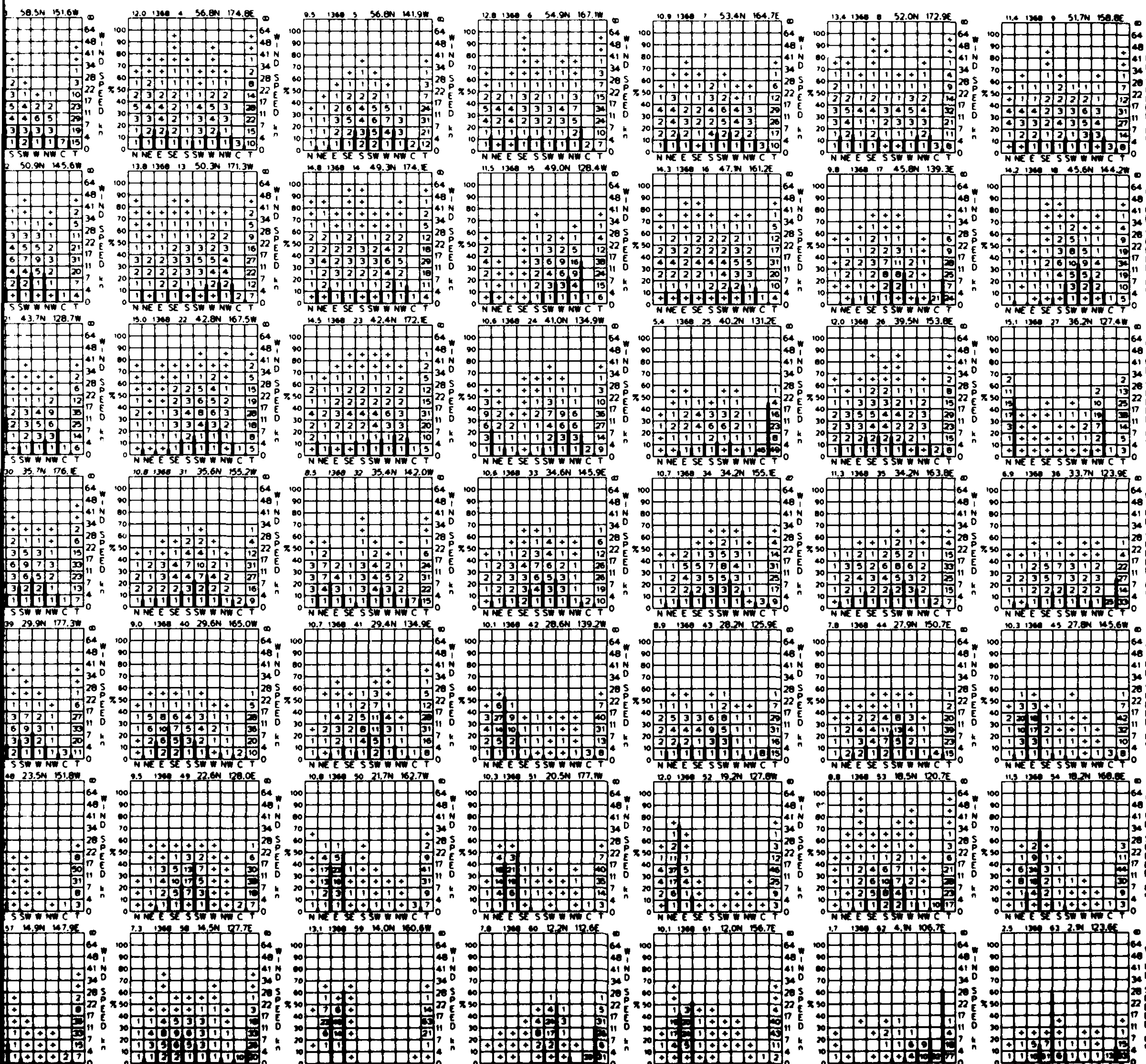
JUNE

WIND



WIND DIRECTION AND SPEED



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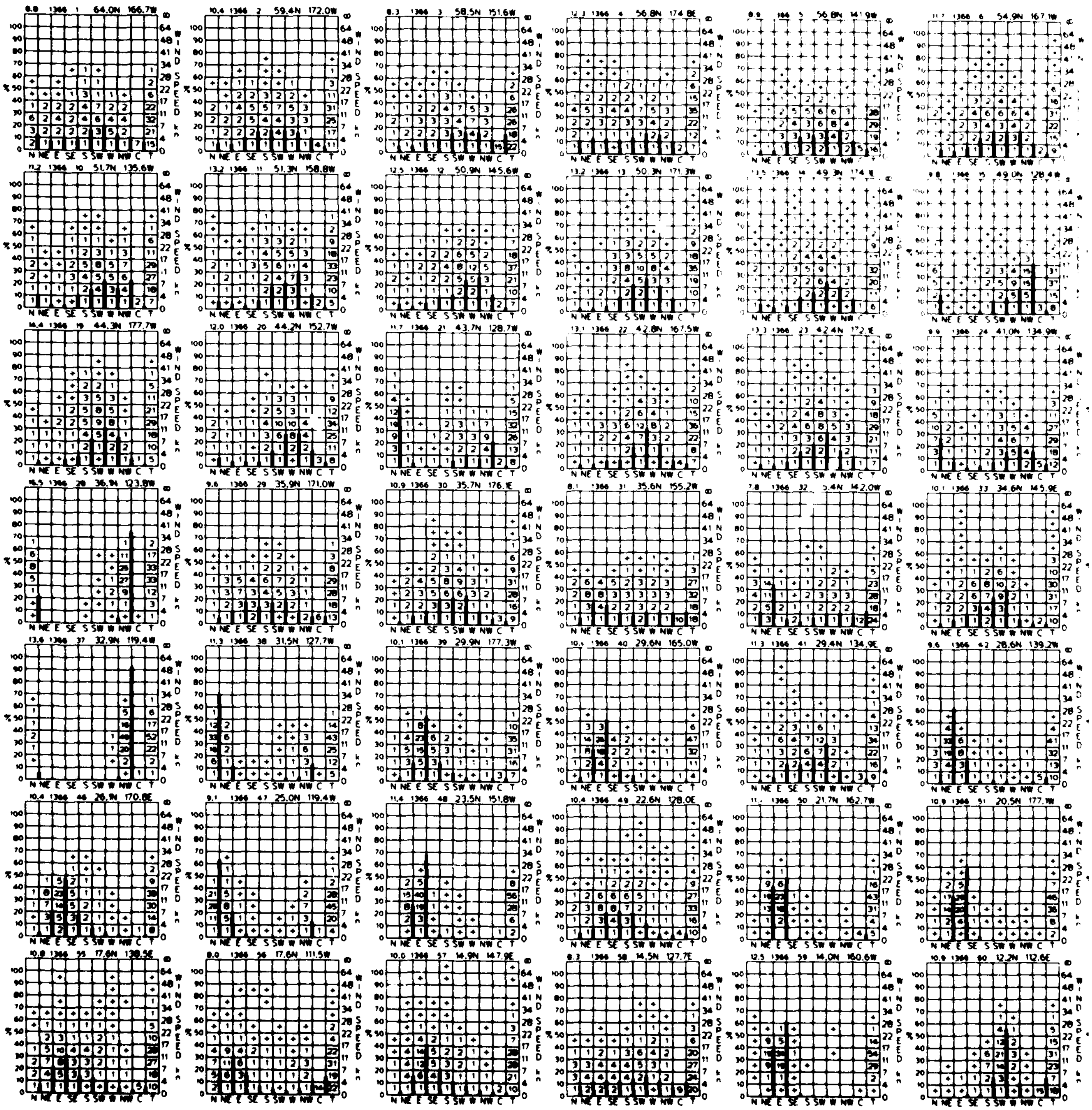
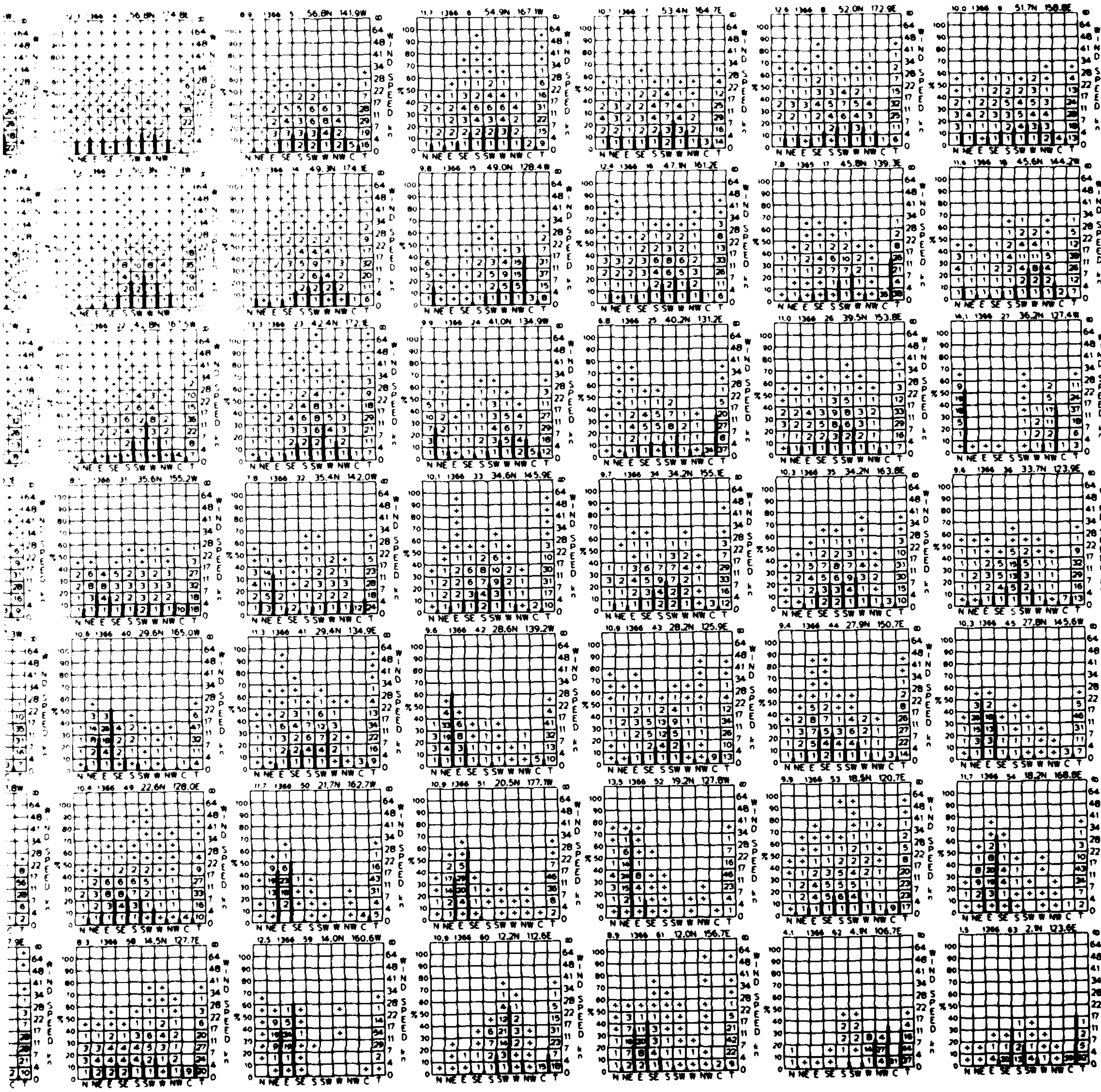
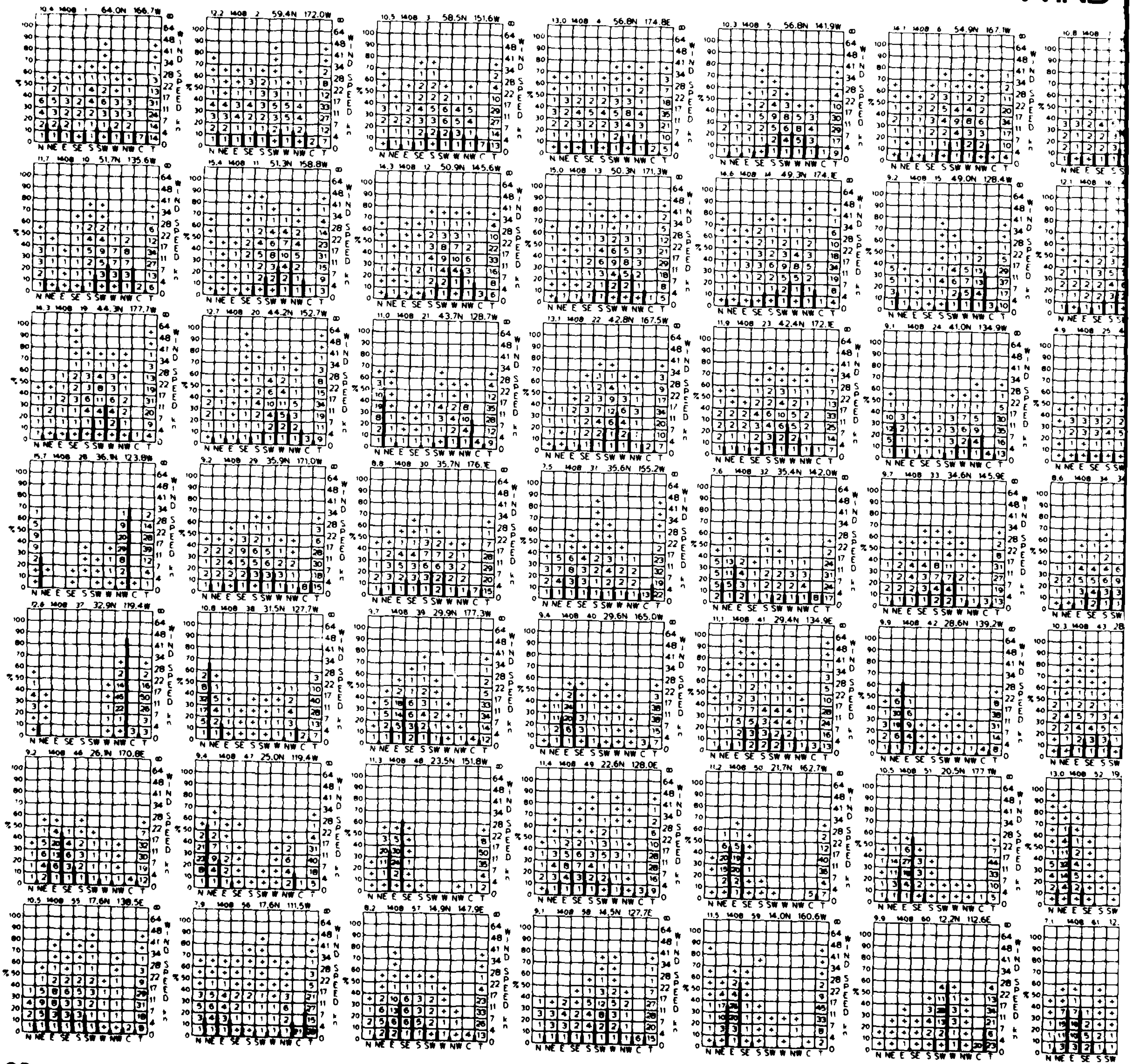
WIND DIRECTION AND SPEED



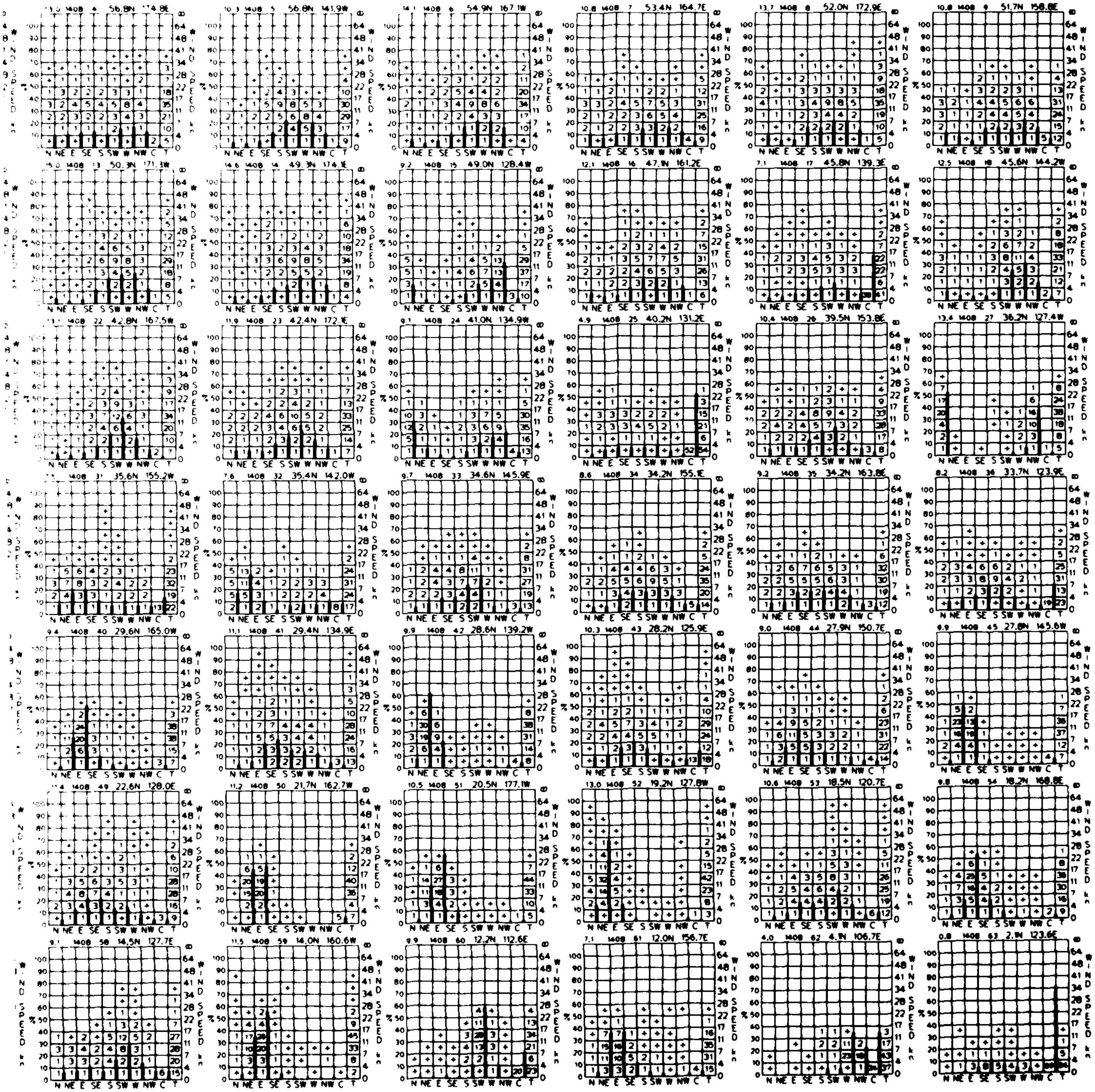


AUGUST

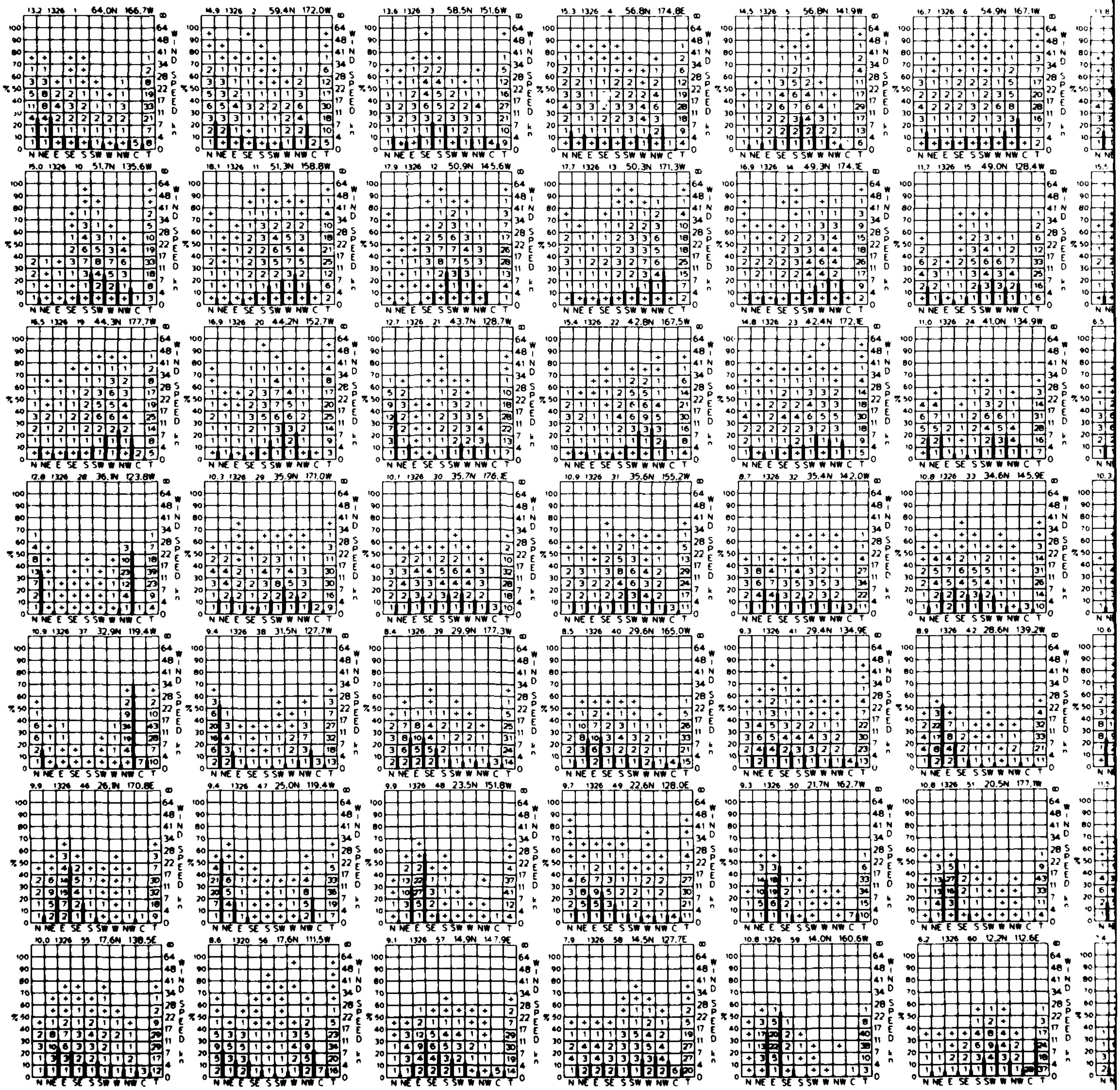
WIND

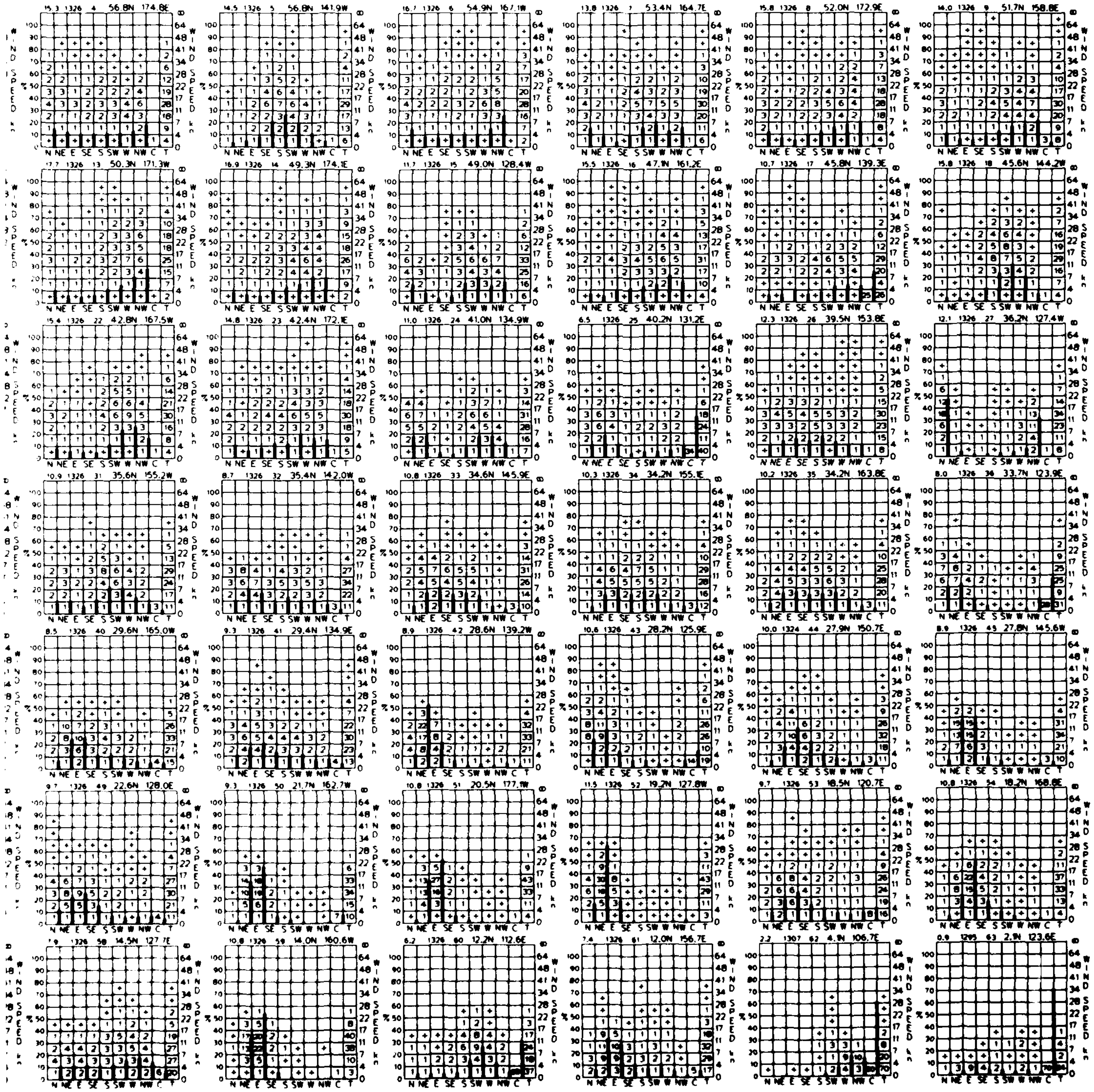


WIND DIRECTION AND SPEED



WIND DIRECTION AND SPEED





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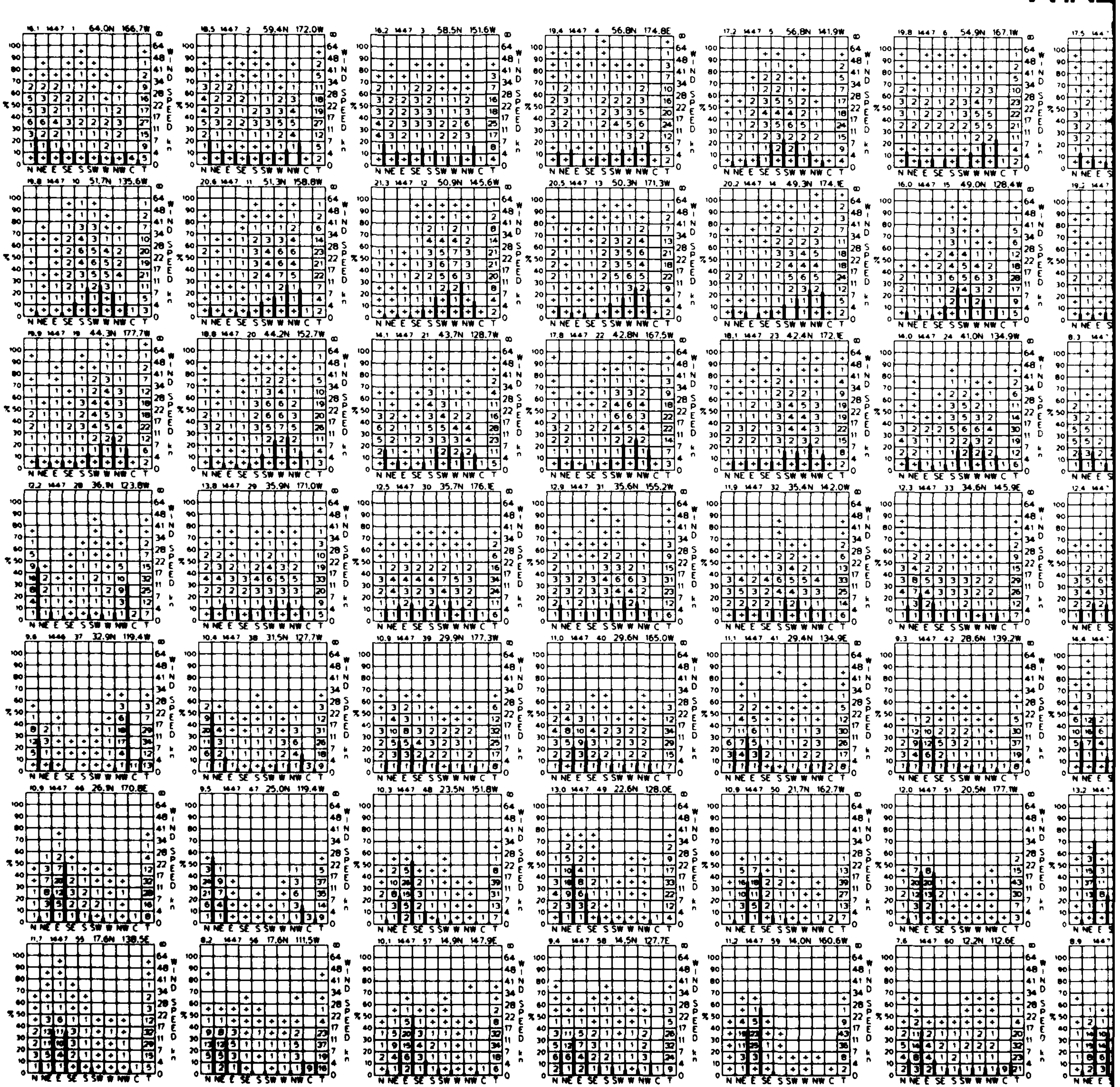
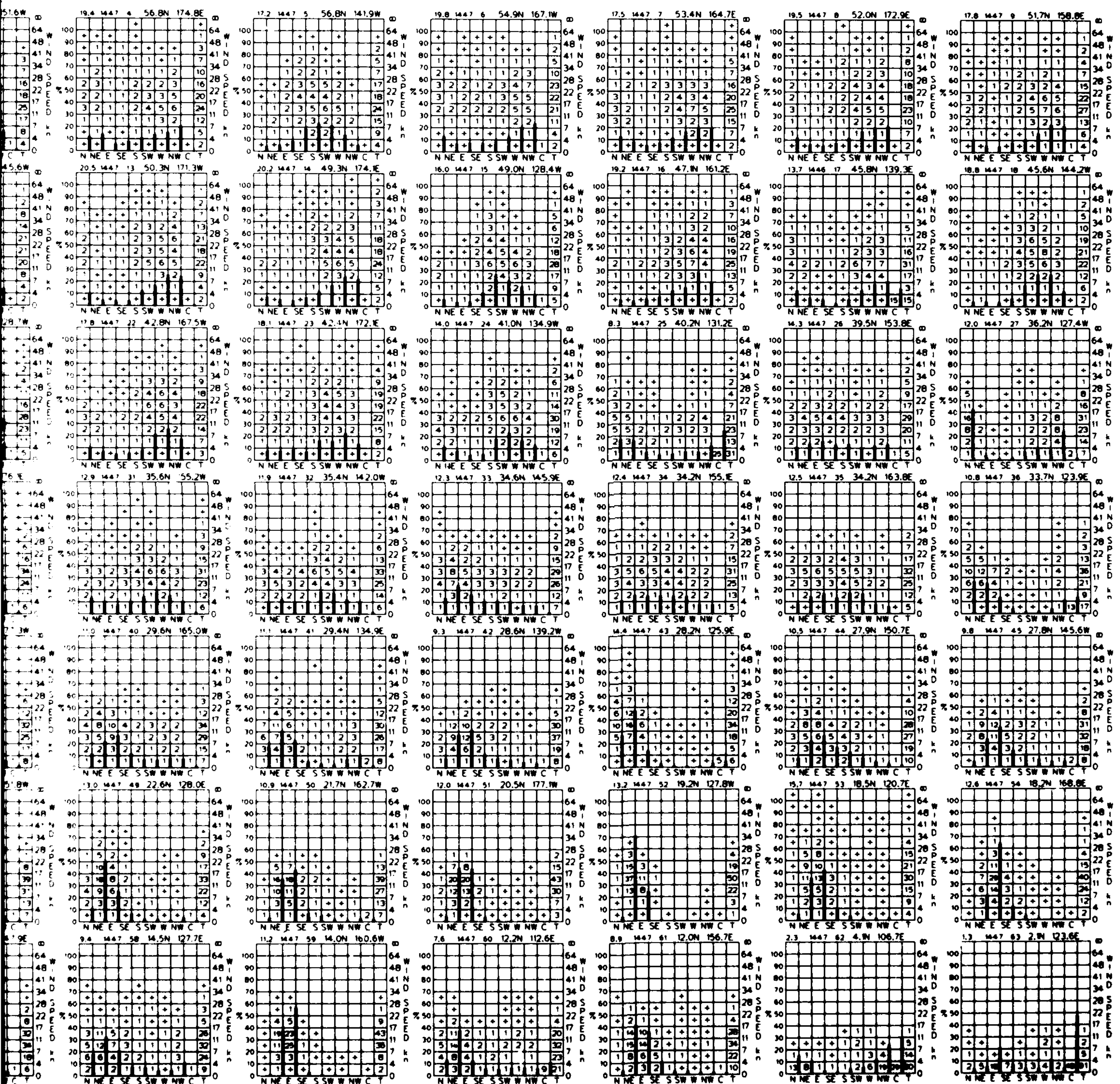
OCTOBER

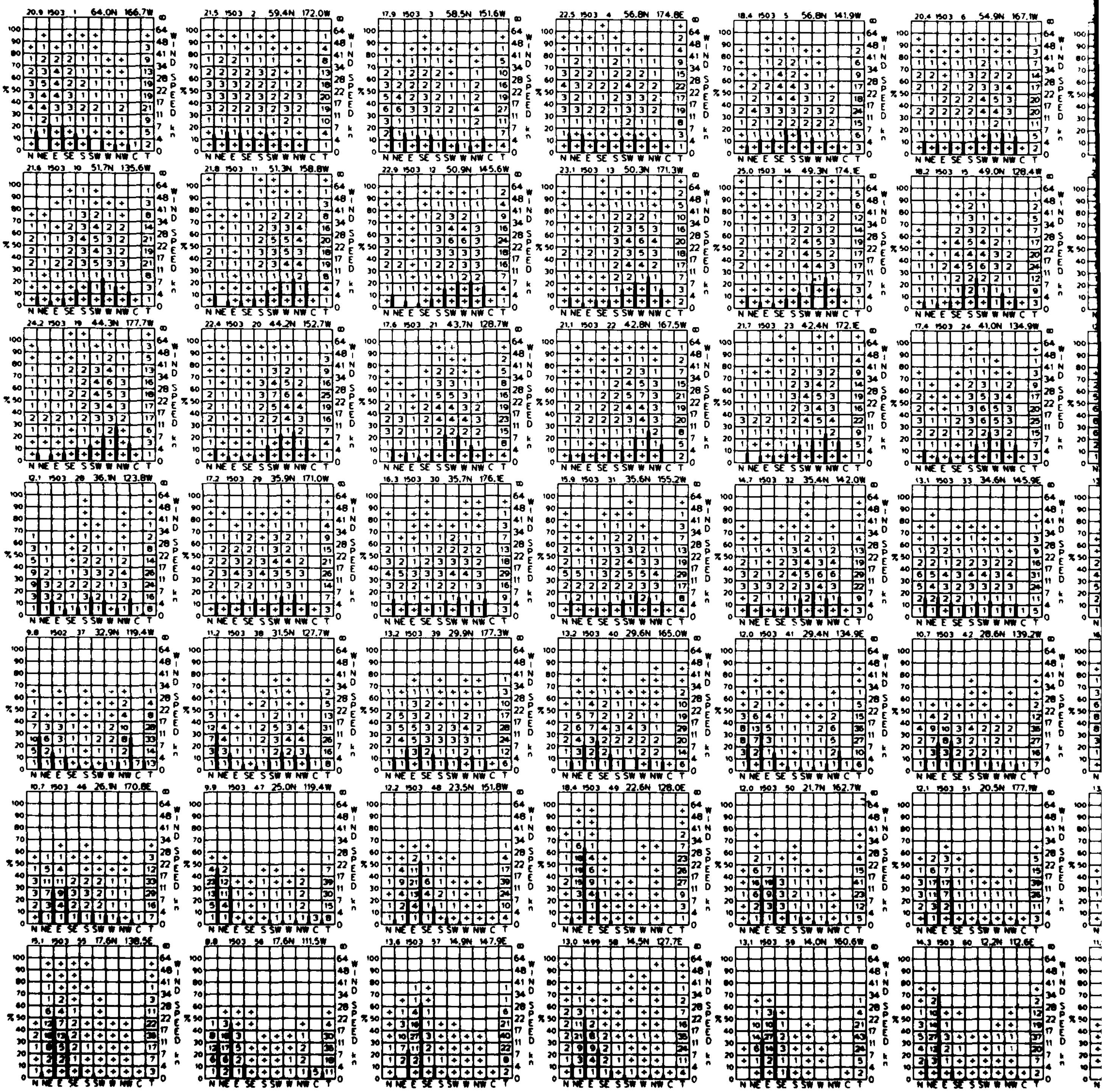
WIND



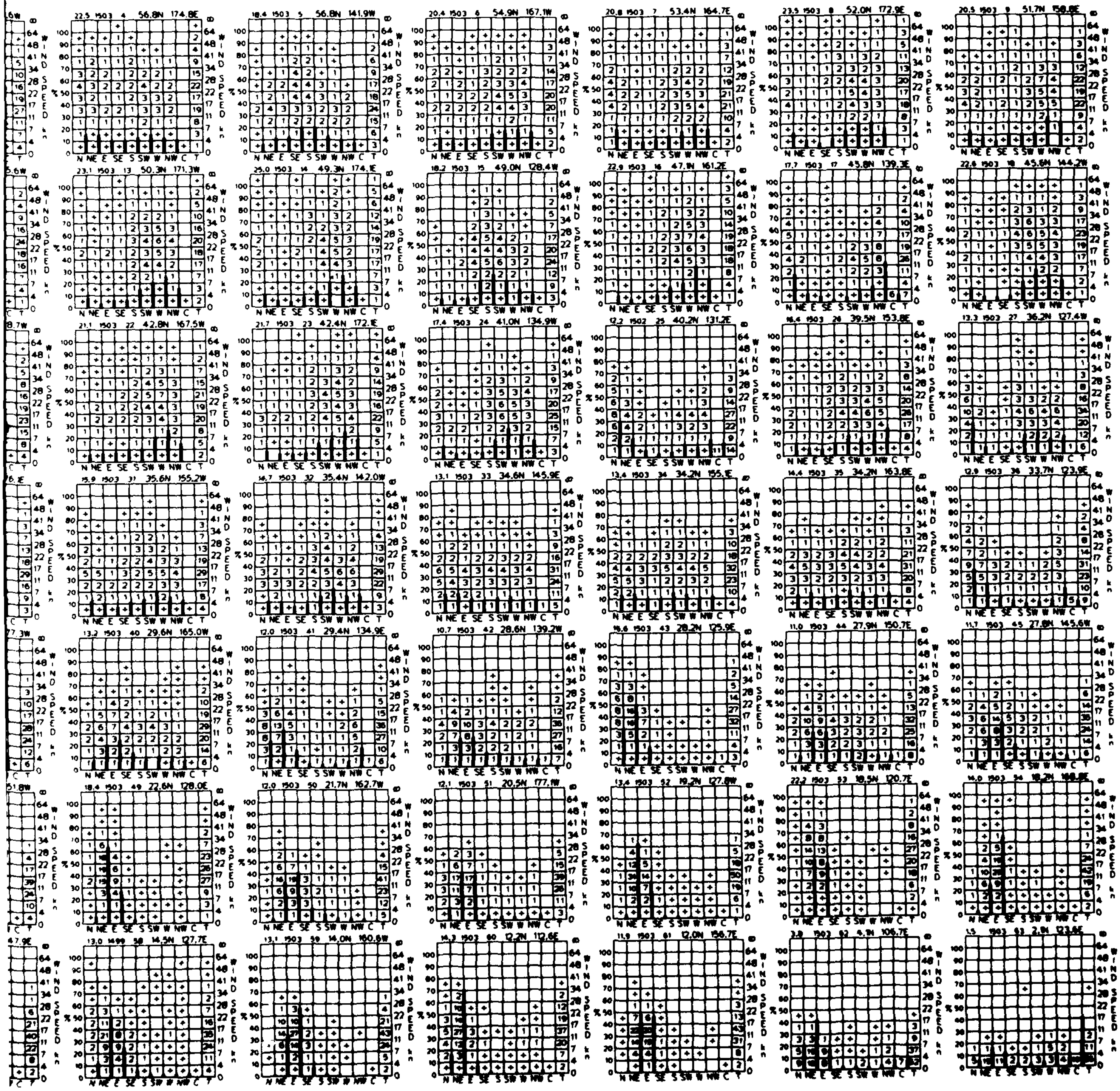
WIND DIRECTION AND SPEED



WIND DIRECTION AND SPEED



PEED NOVEMBER



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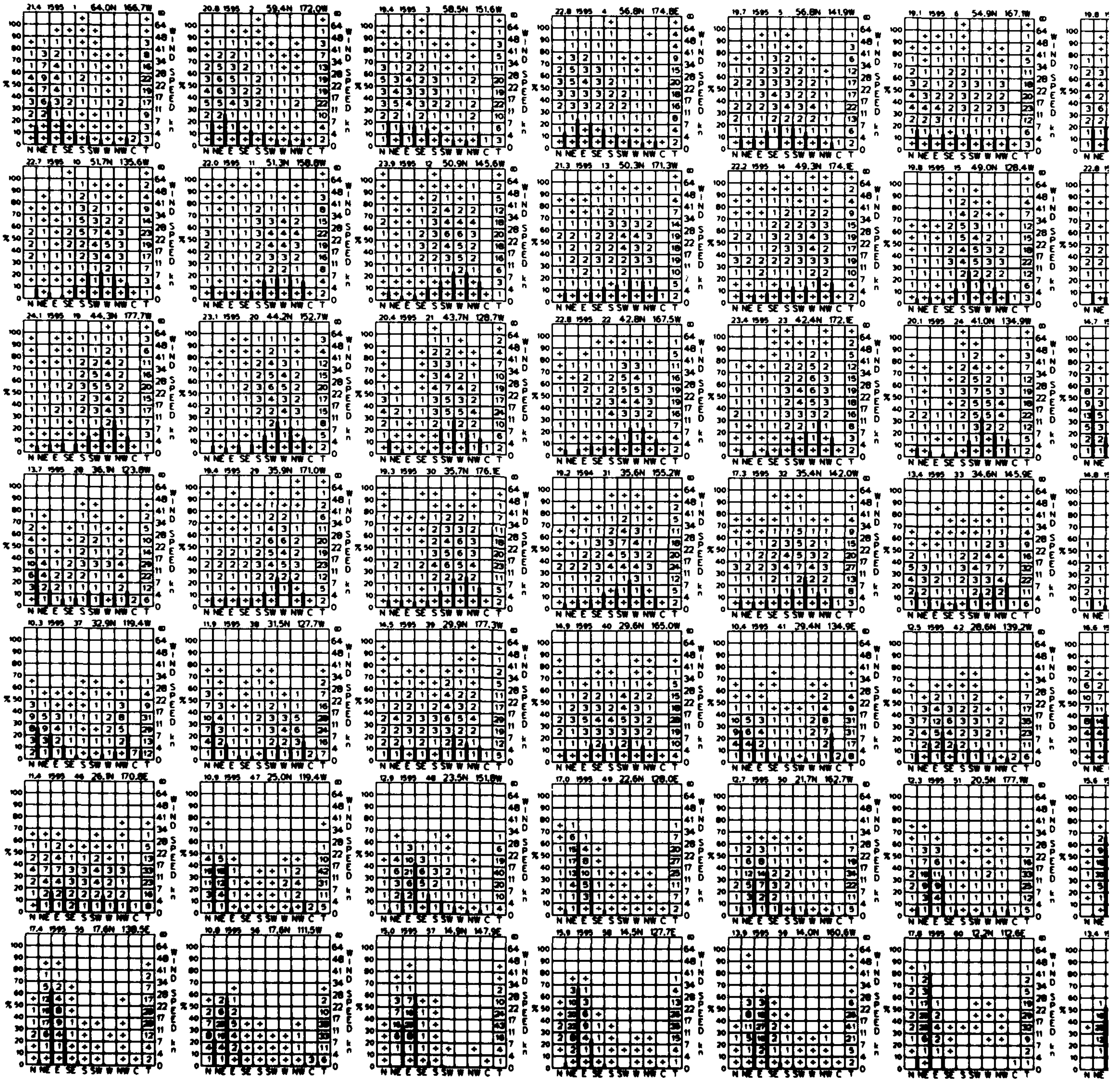
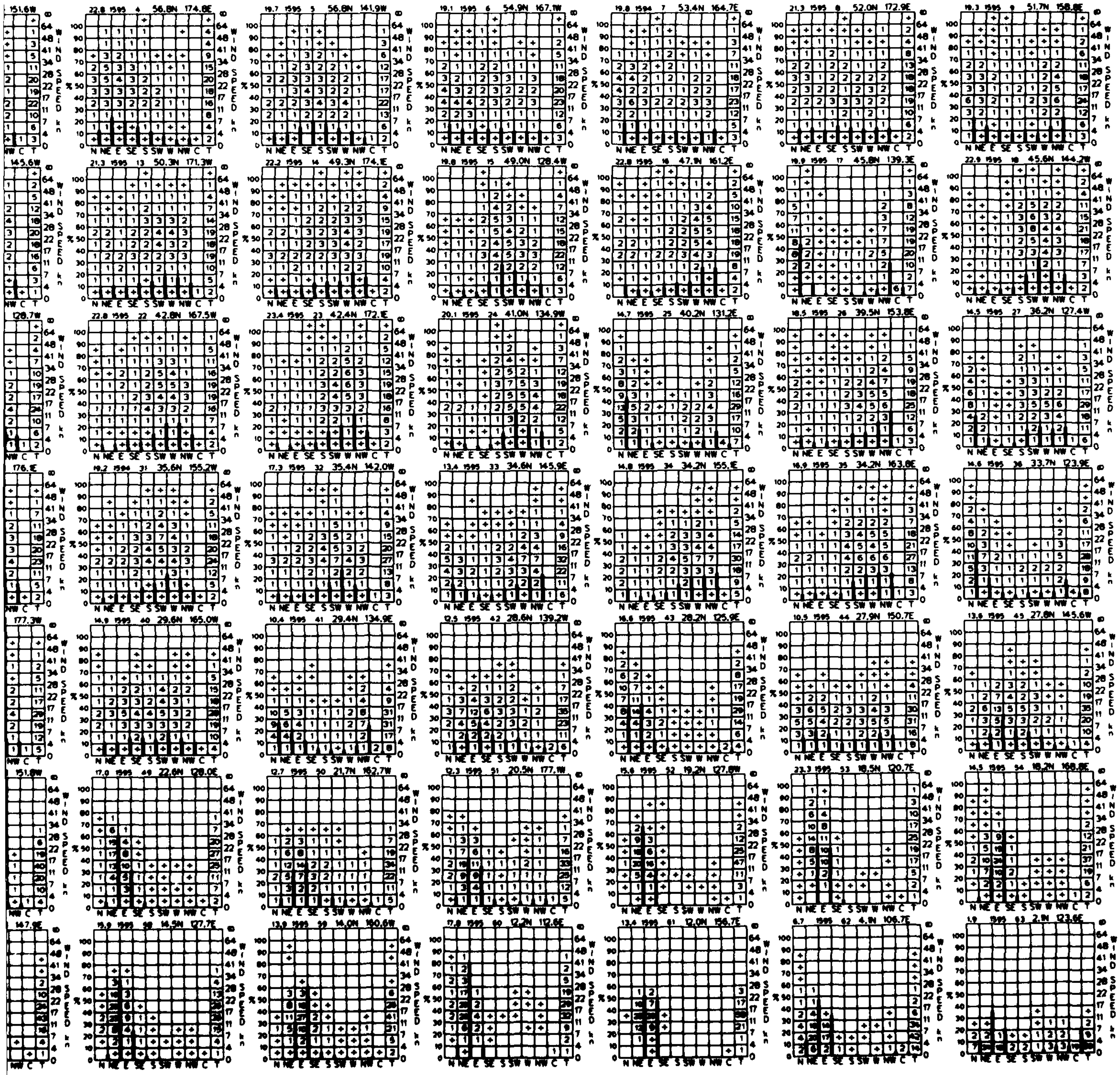
DECEMBER

WIN



WIND DIRECTION AND SPEED



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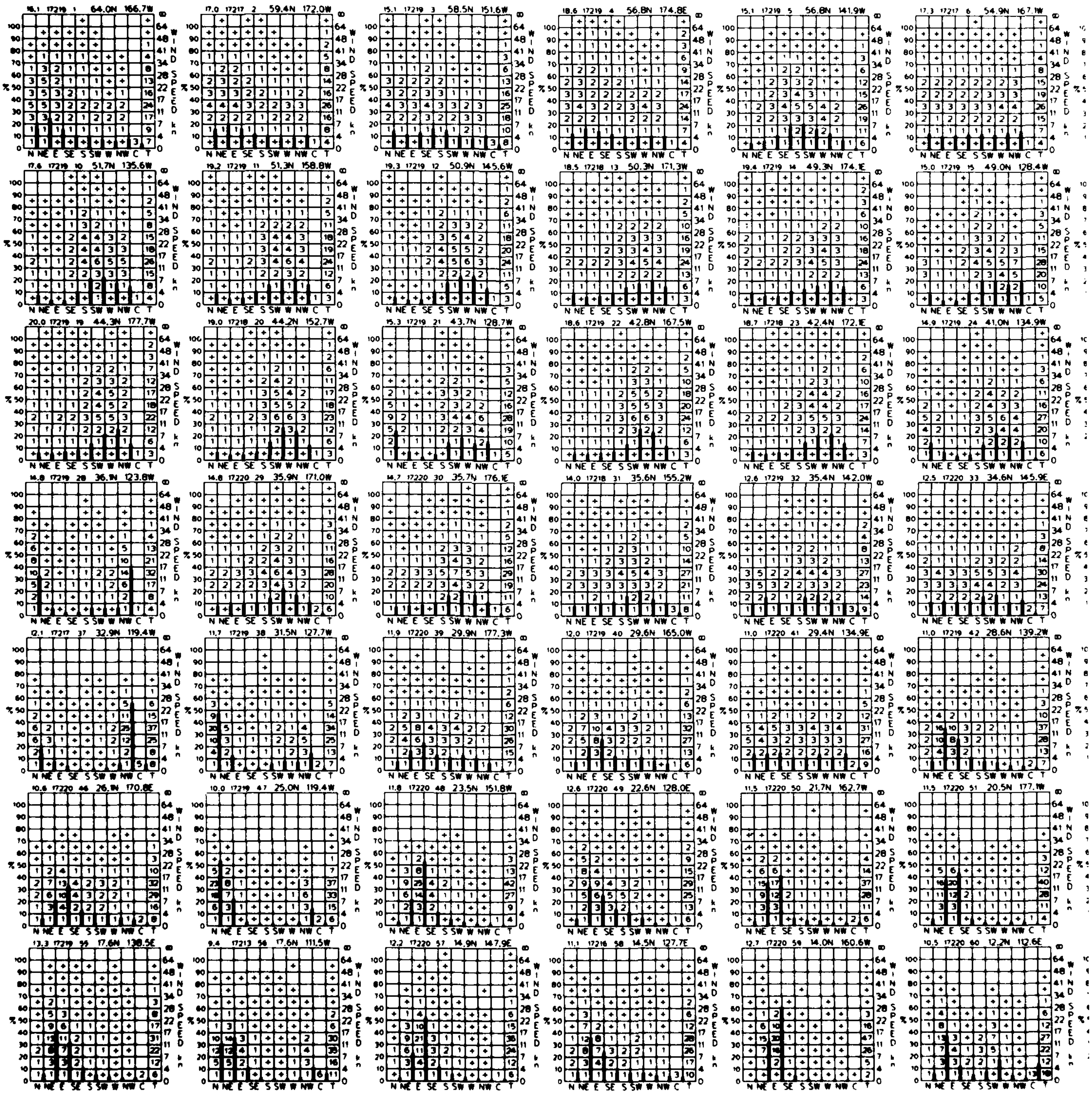
WIND DIRECTION AND SPEED



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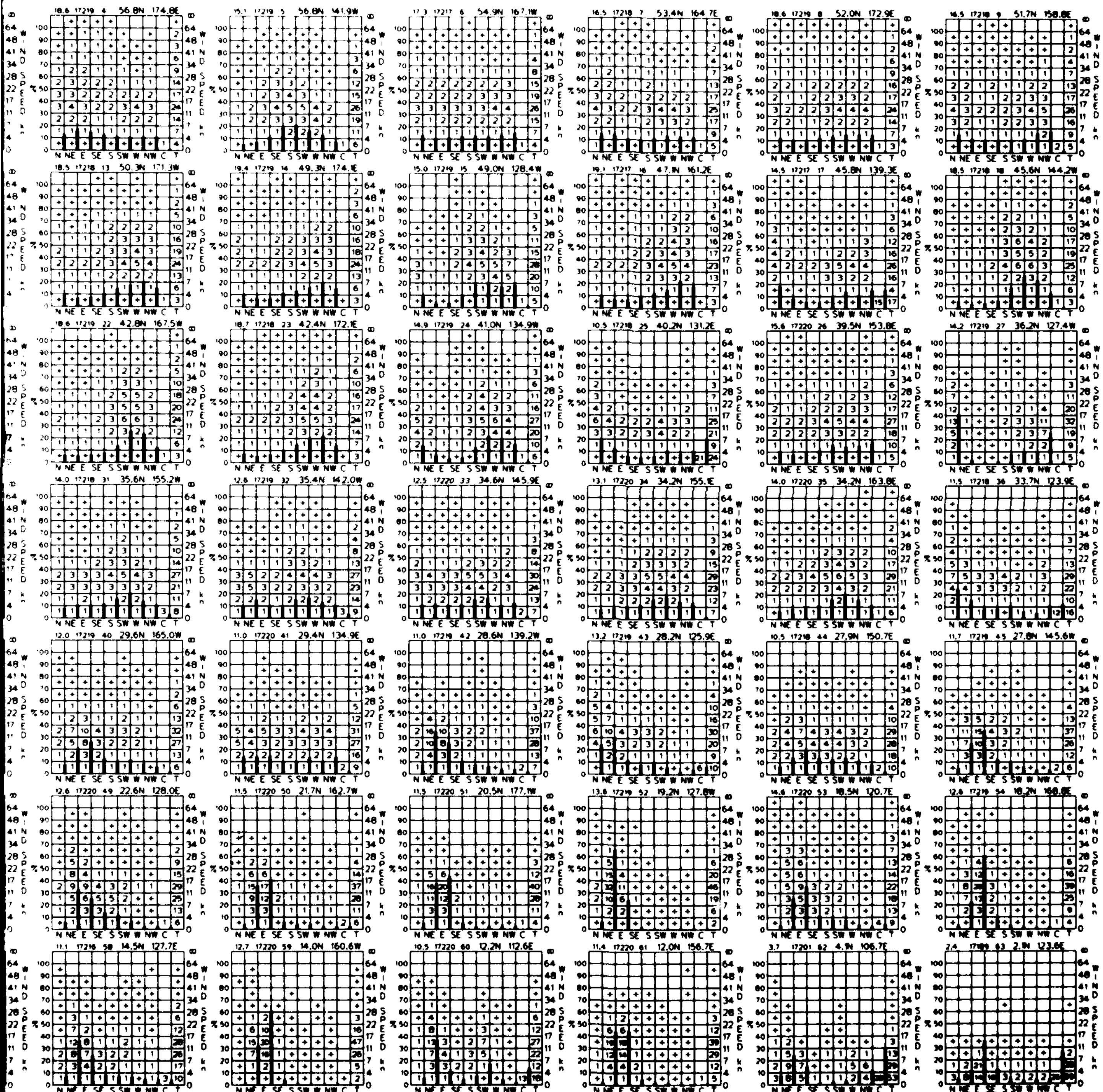
ANNUAL



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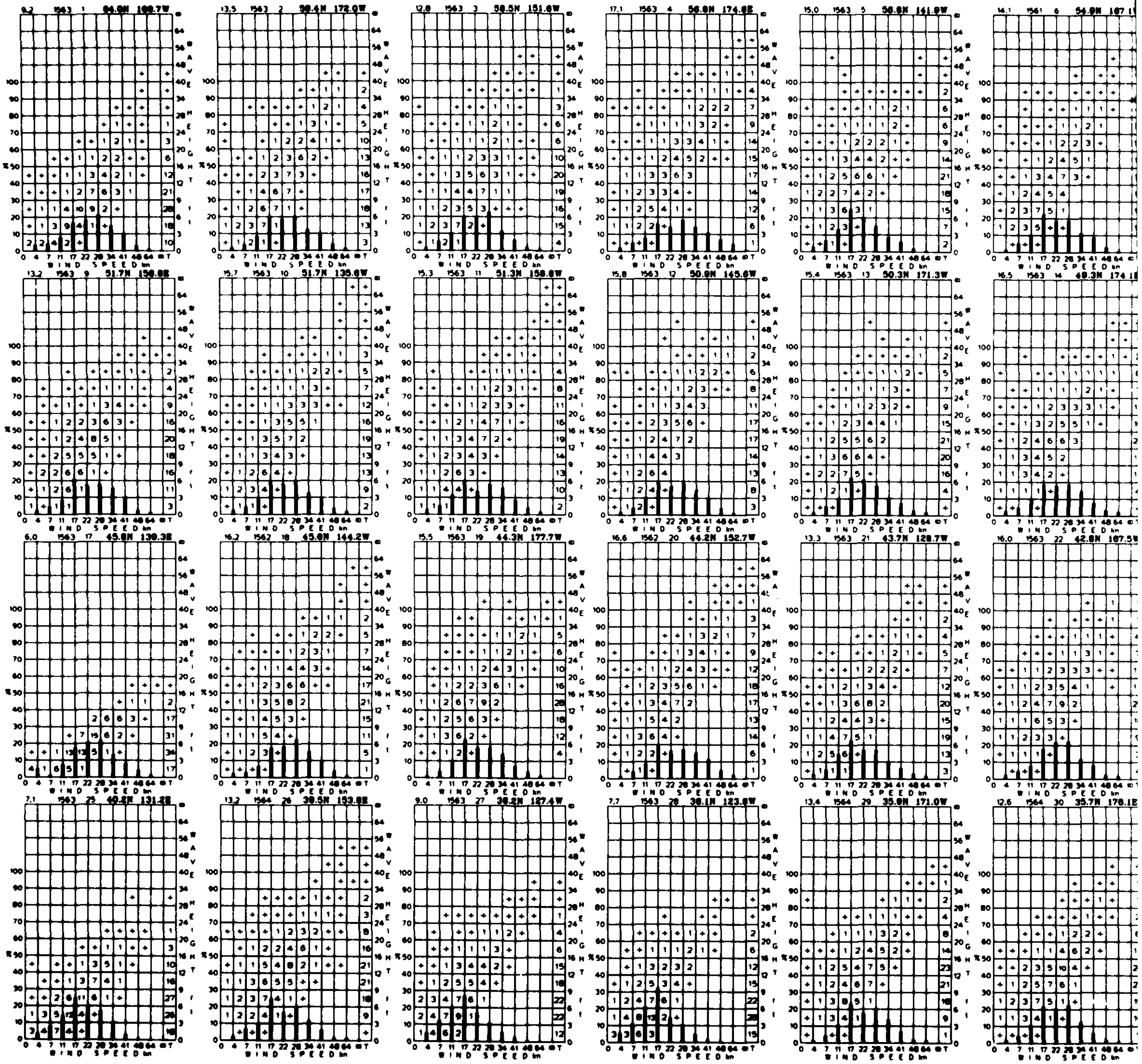
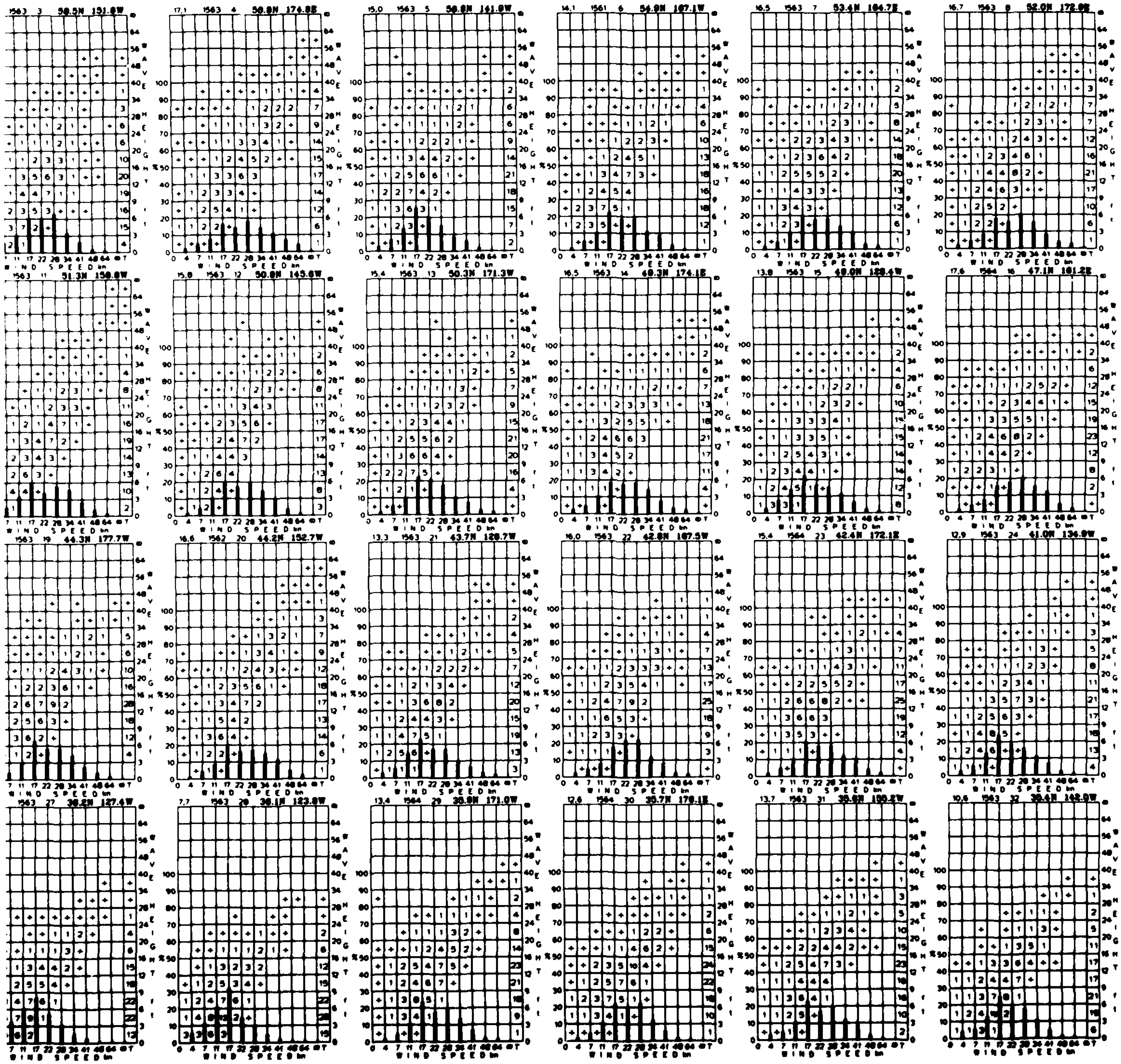
JANUARY

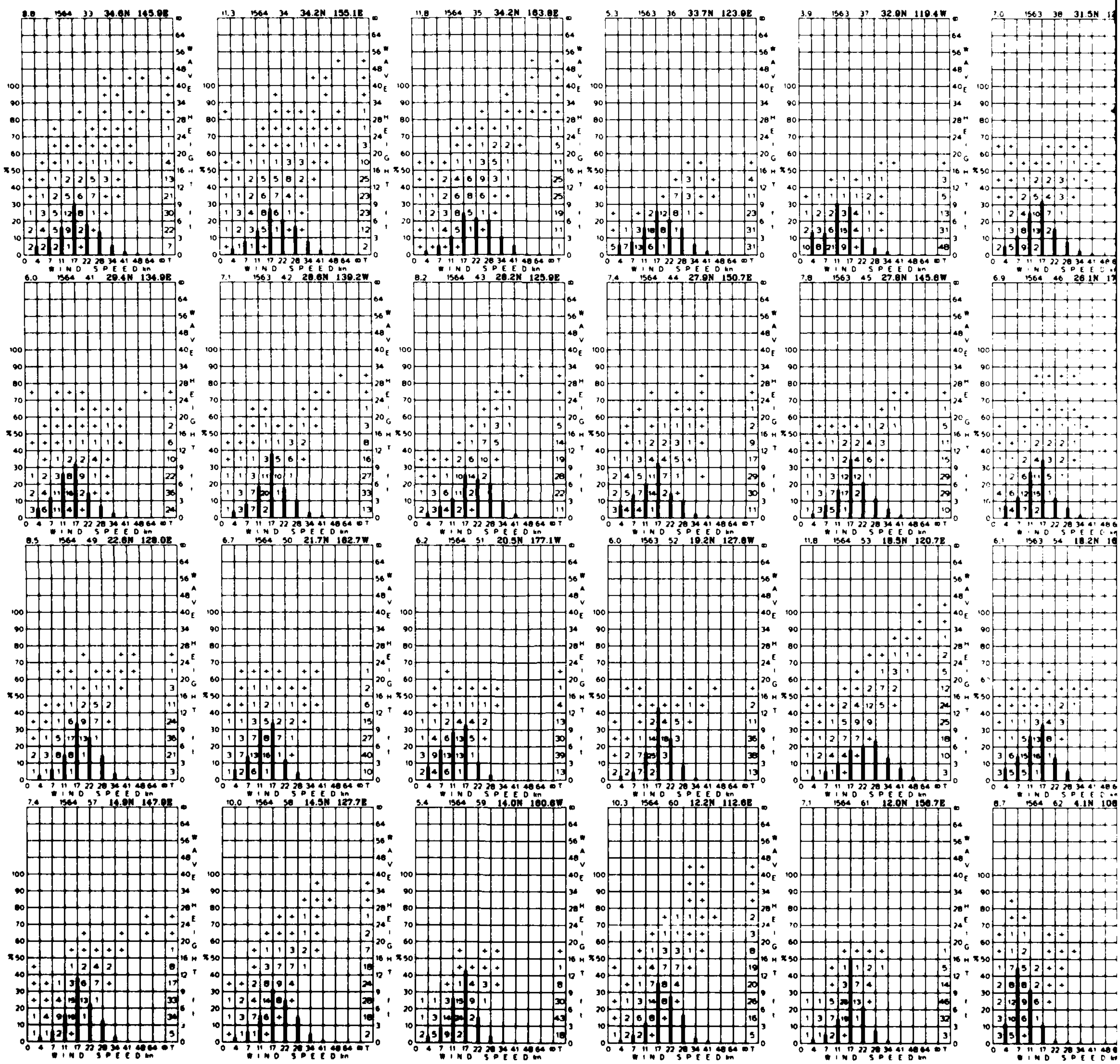
WAVE HEIG

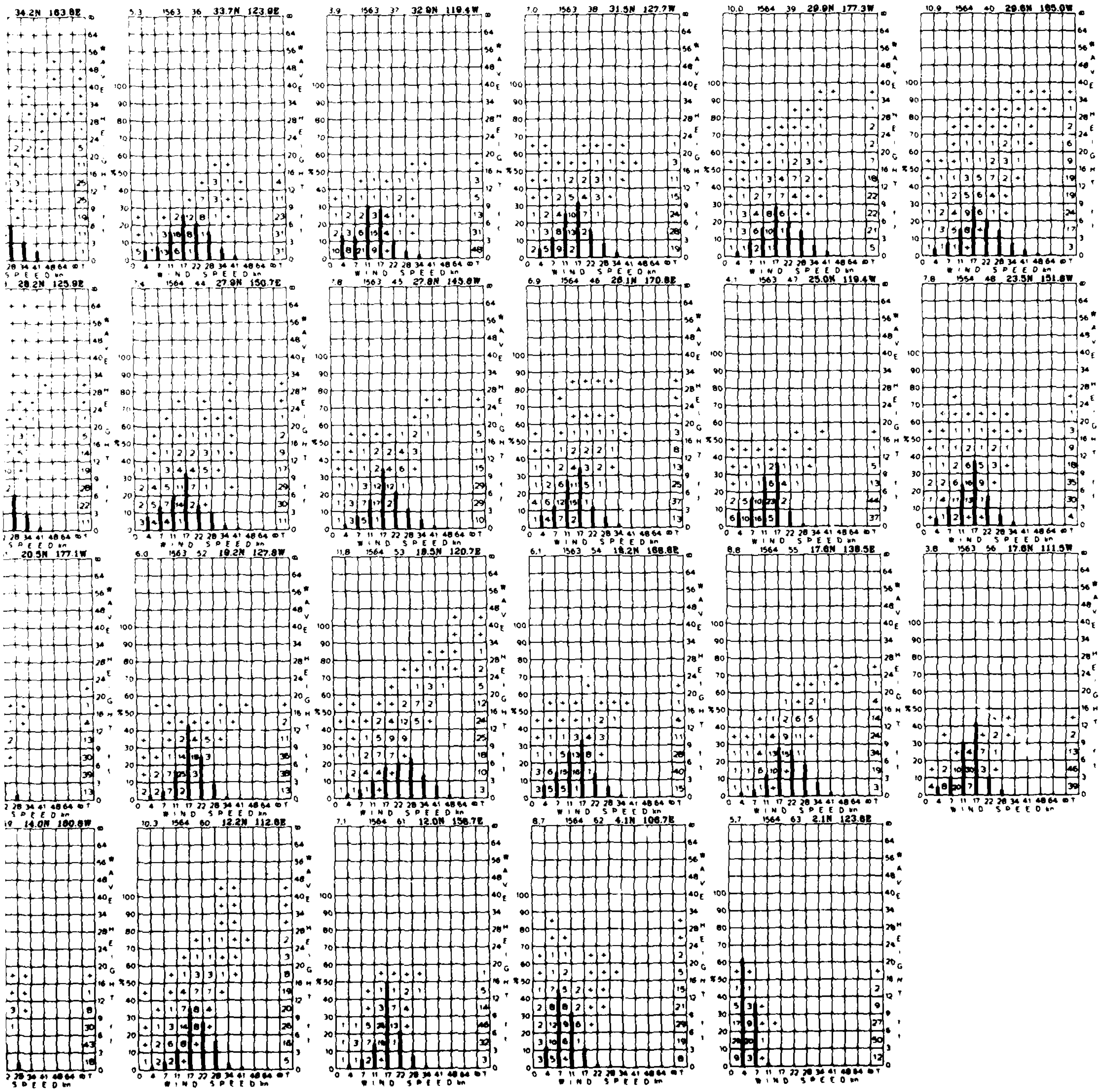


WAVE HEIGHT AND WIND SPEED



WAVE HEIGHT AND WIND SPEED (Cont'd)





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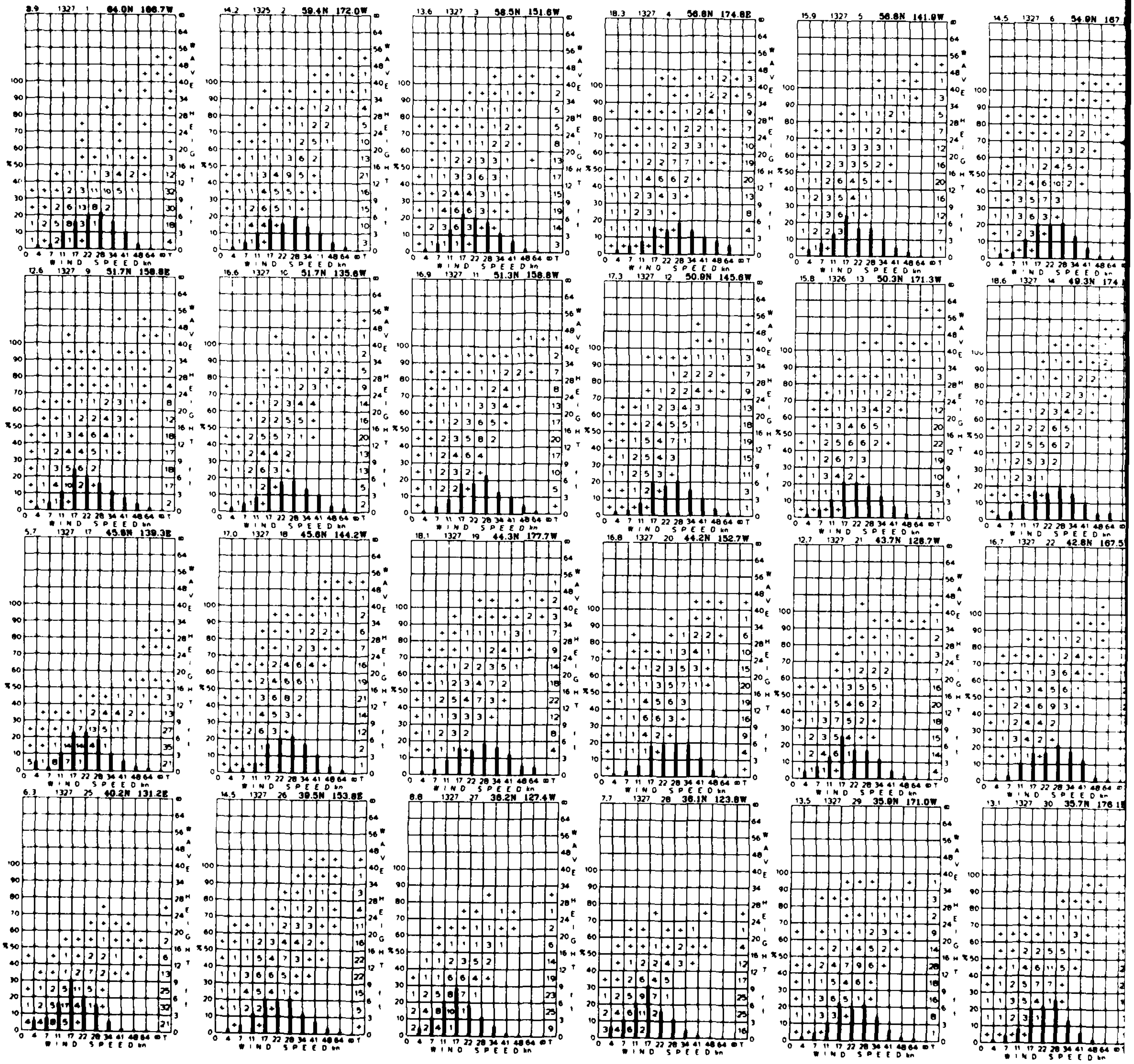
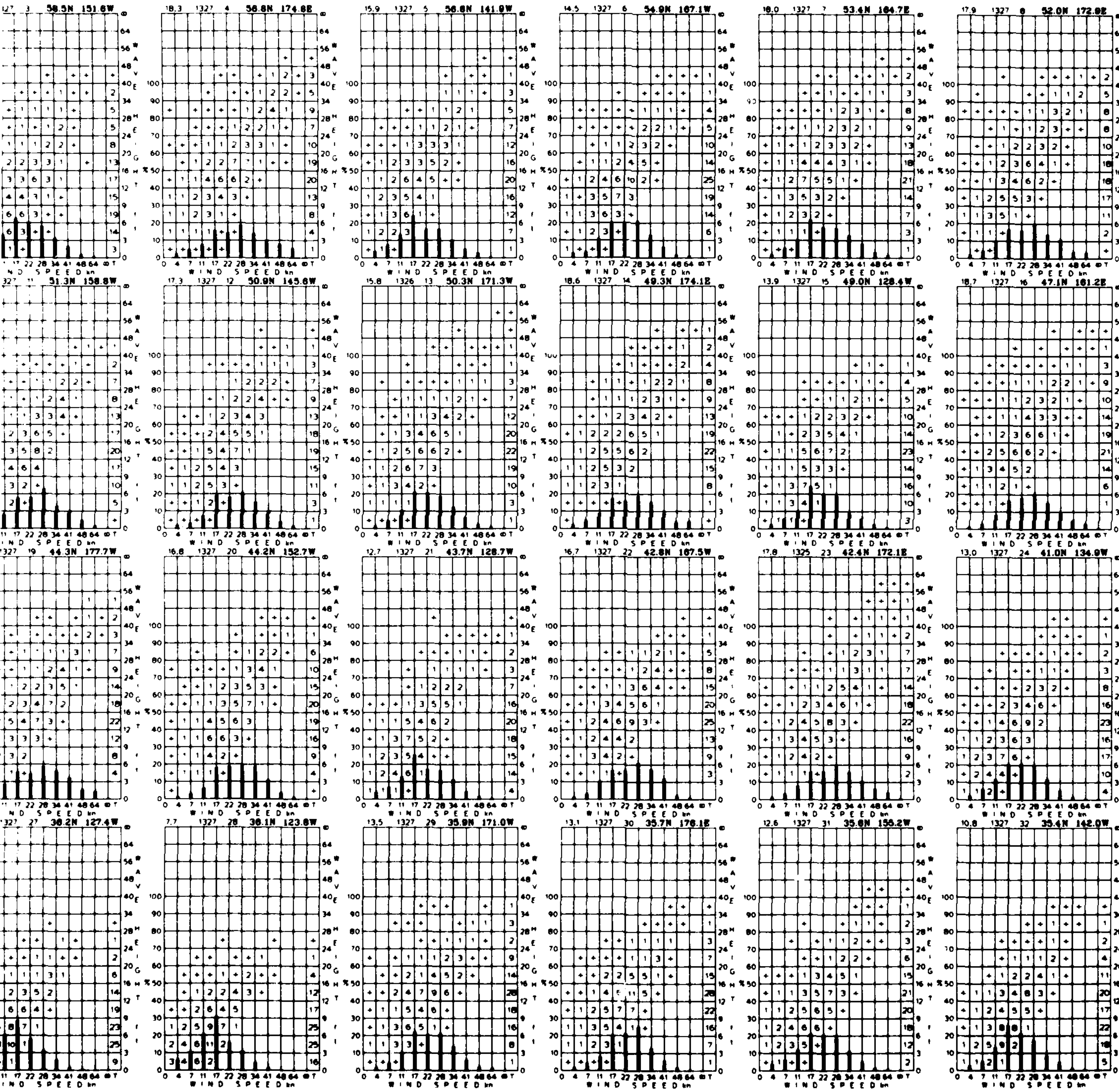
FEBRUARY

WAVE HEIG



WAVE HEIGHT AND WIND SPEED



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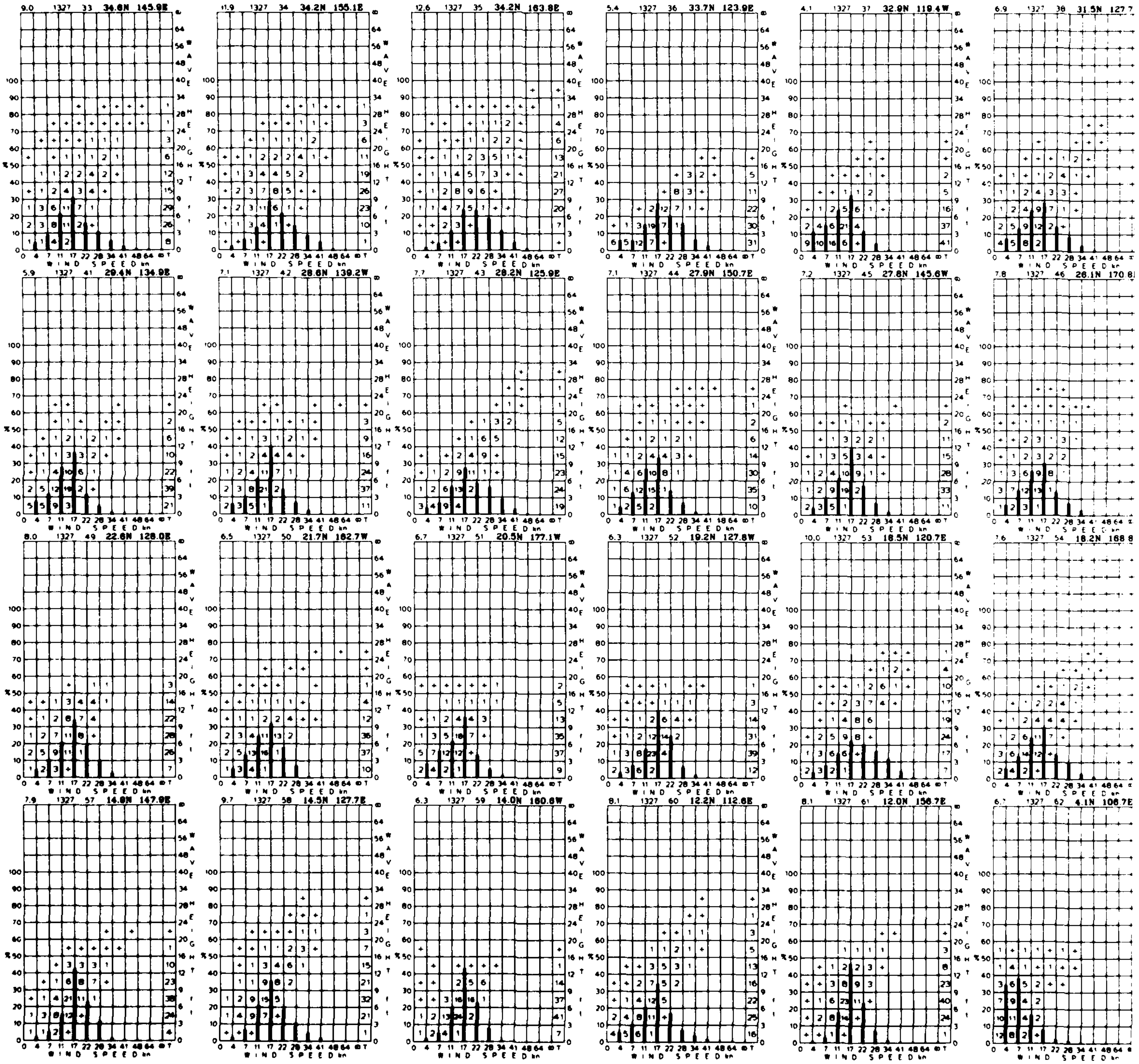
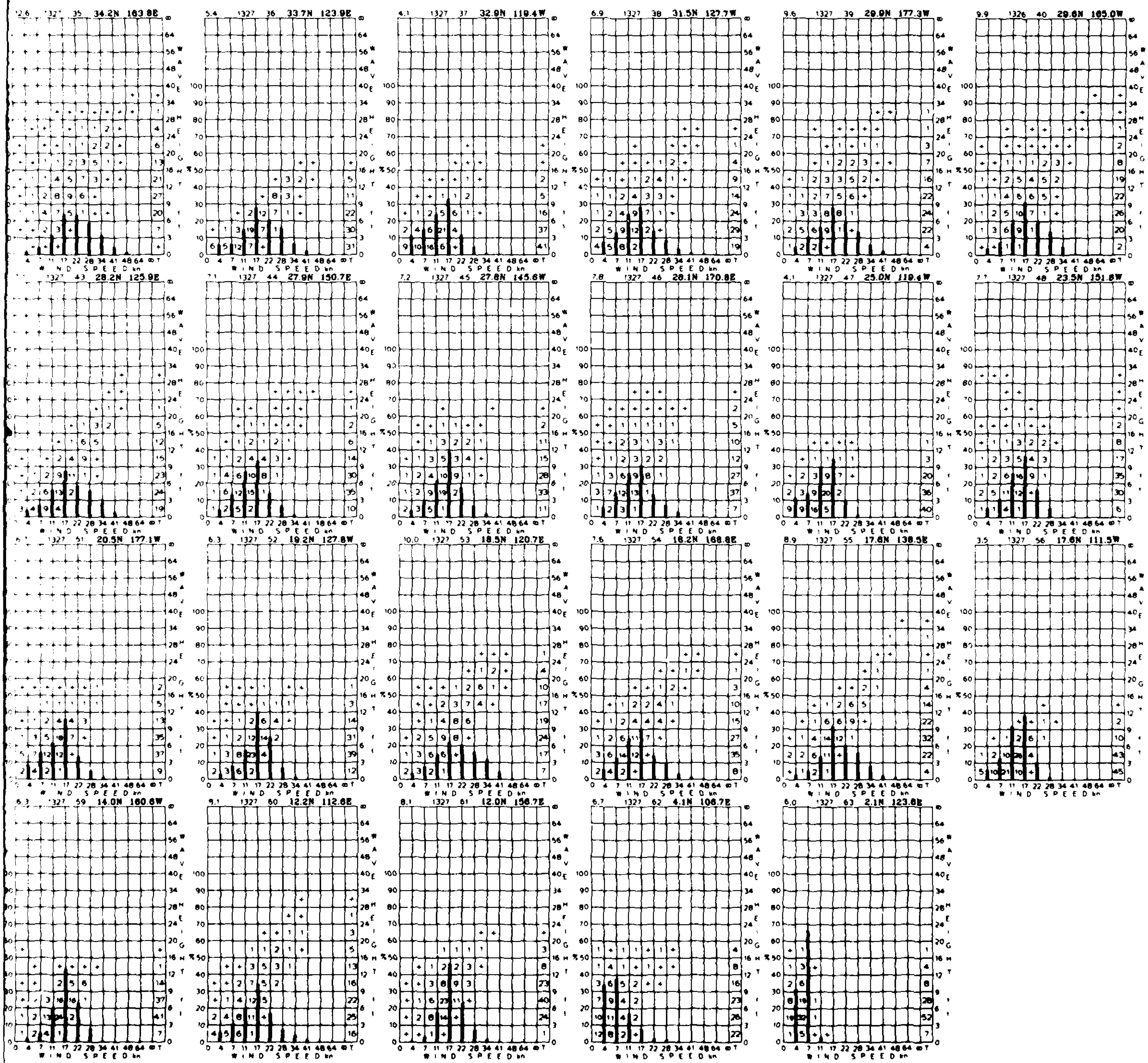
WAVE HEIGHT AND WIND SPEED (Cont'd)



WIND SPEED (Cont'd)

FEBRUARY



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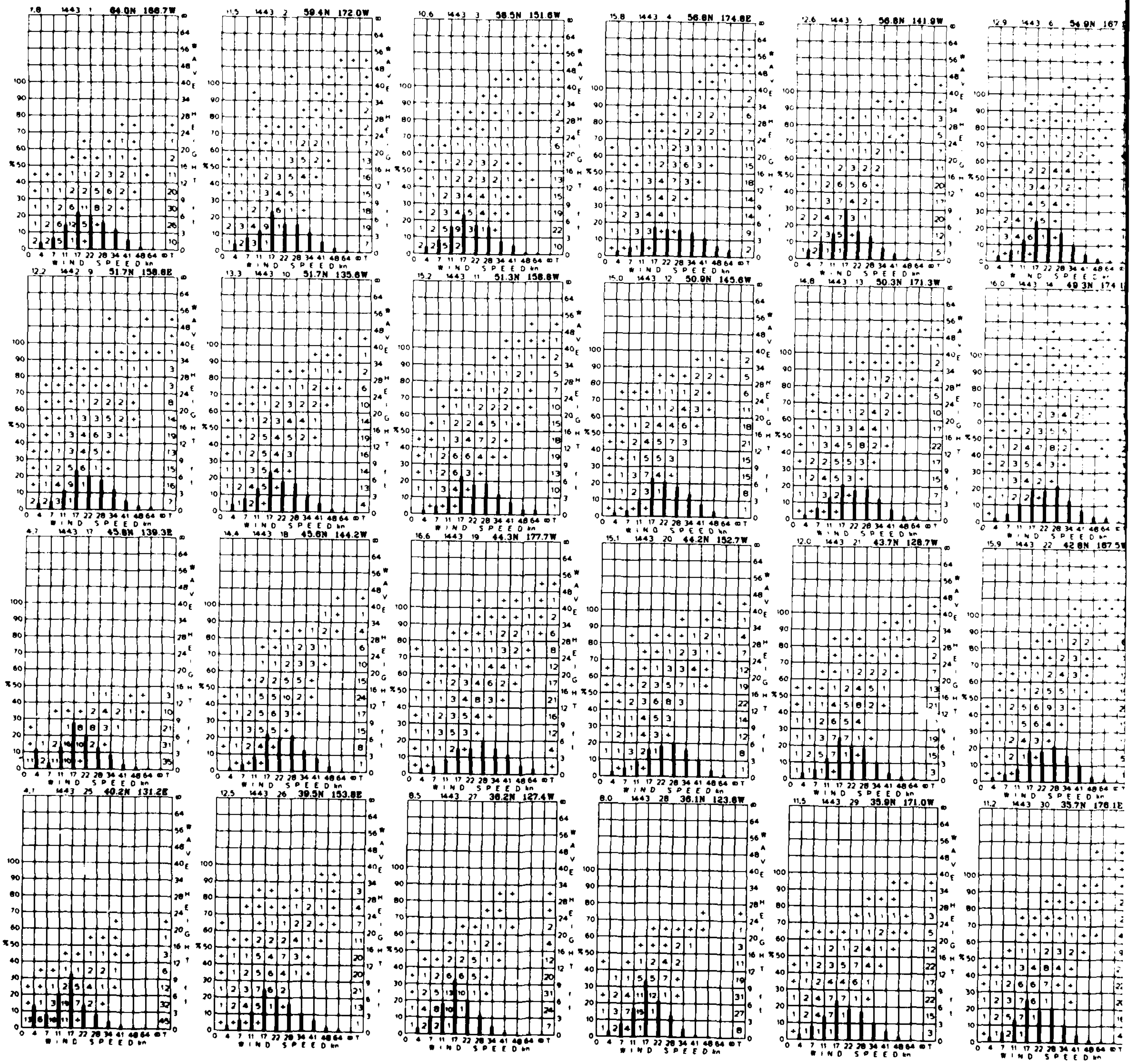
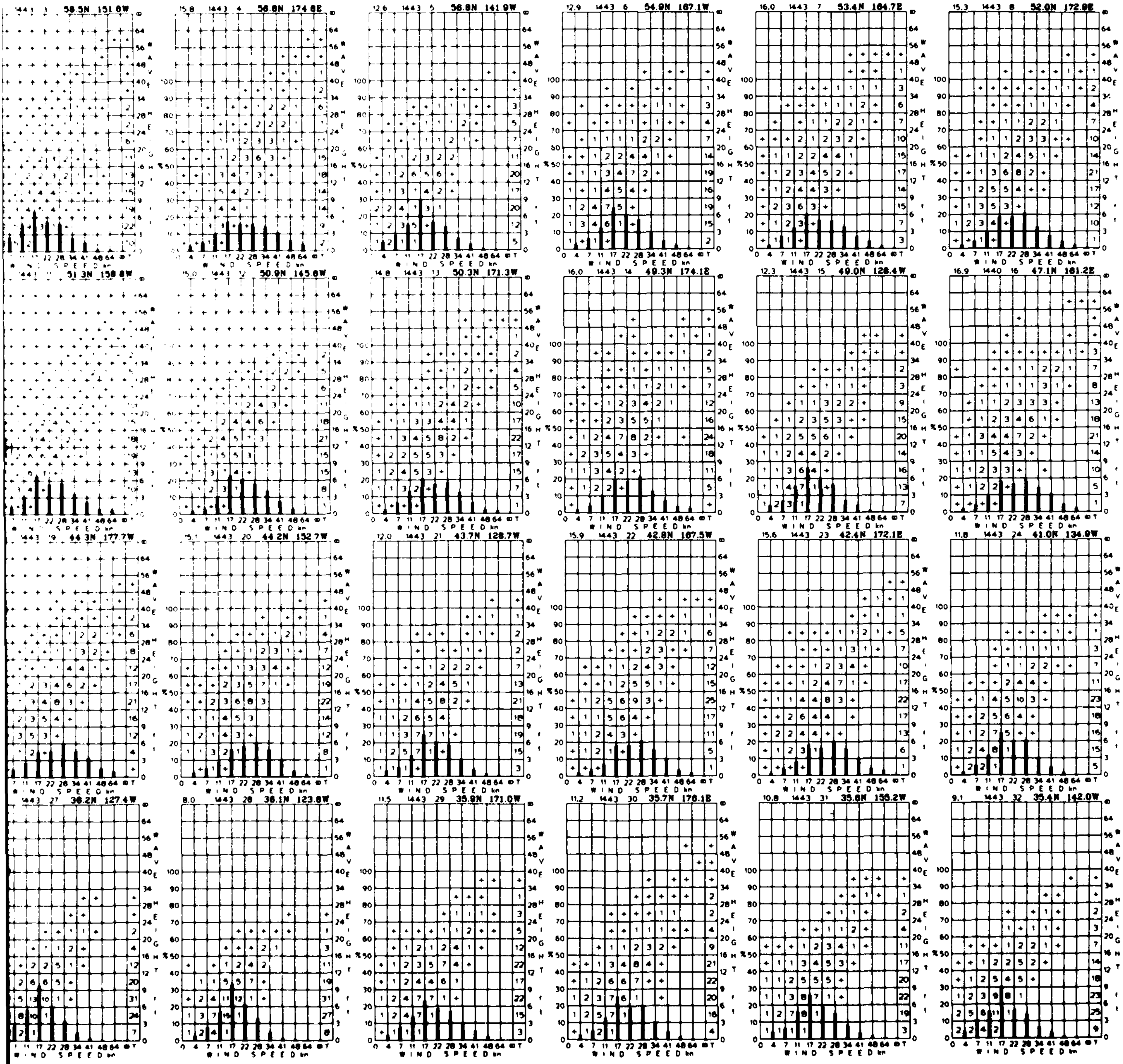
MARCH

WAVE HEIG



WAVE HEIGHT AND WIND SPEED



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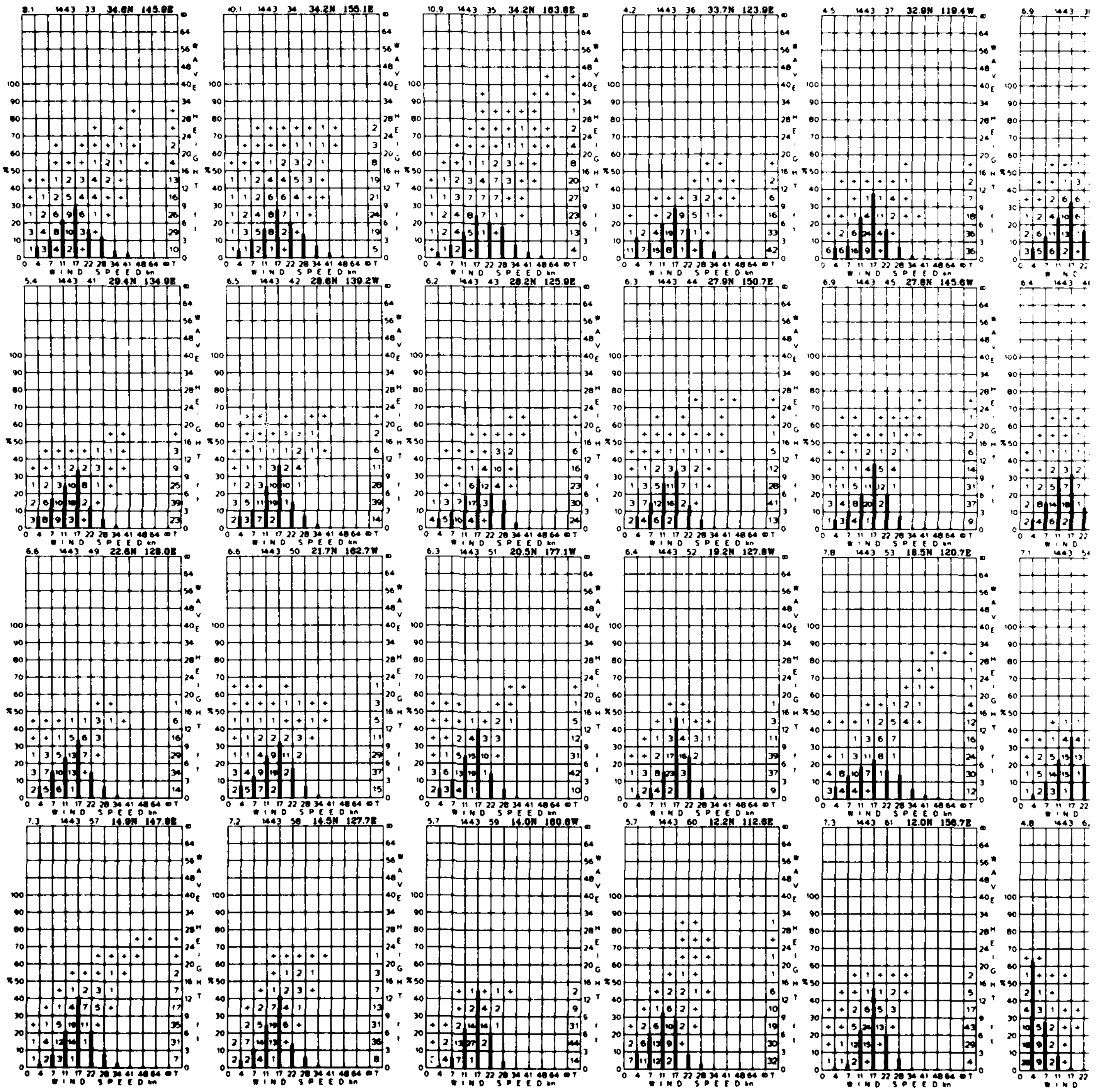
WAVE HEIGHT AND WIND SPEED (Cont'd)



ND SPEED (Cont'd)

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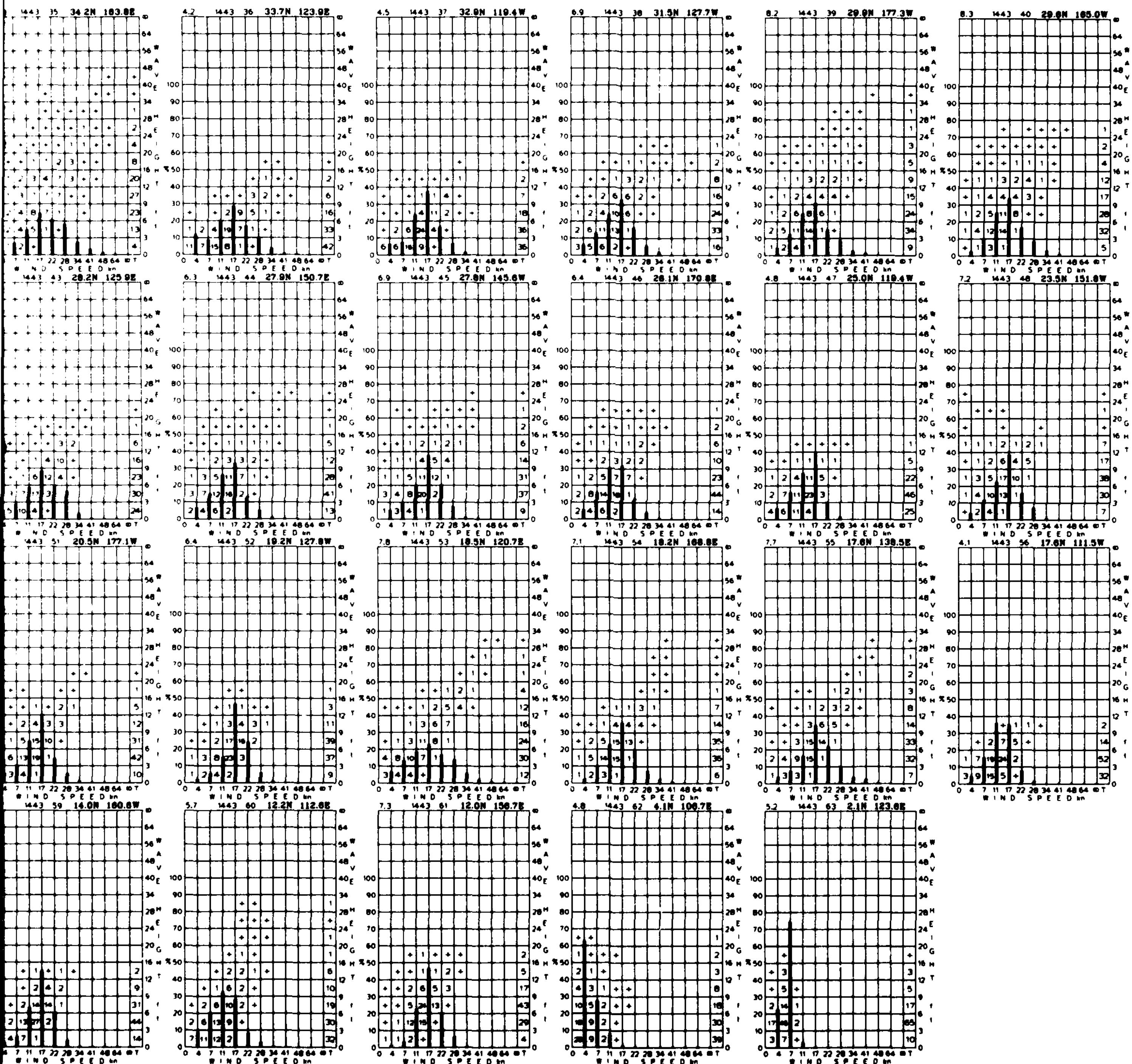
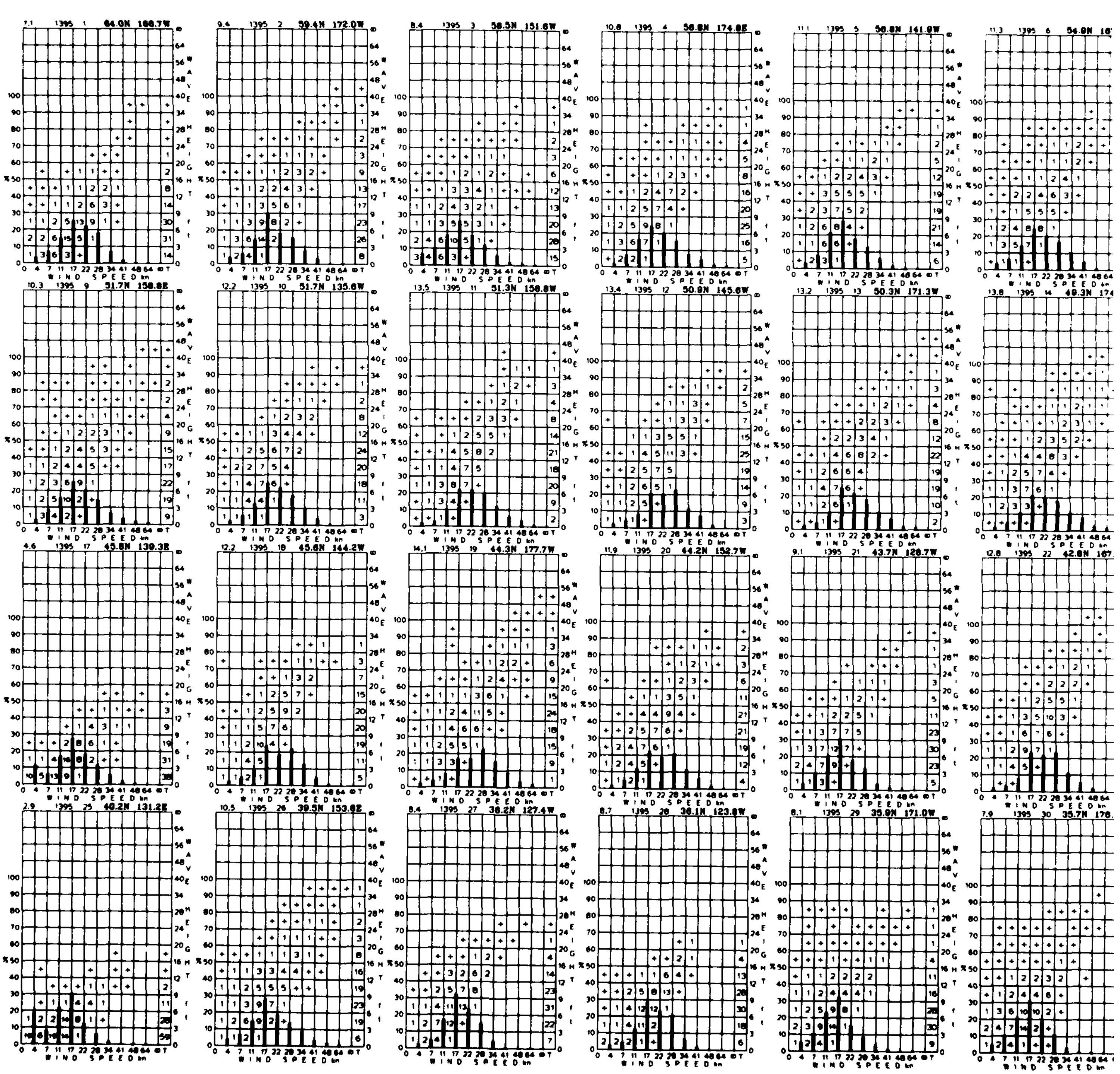


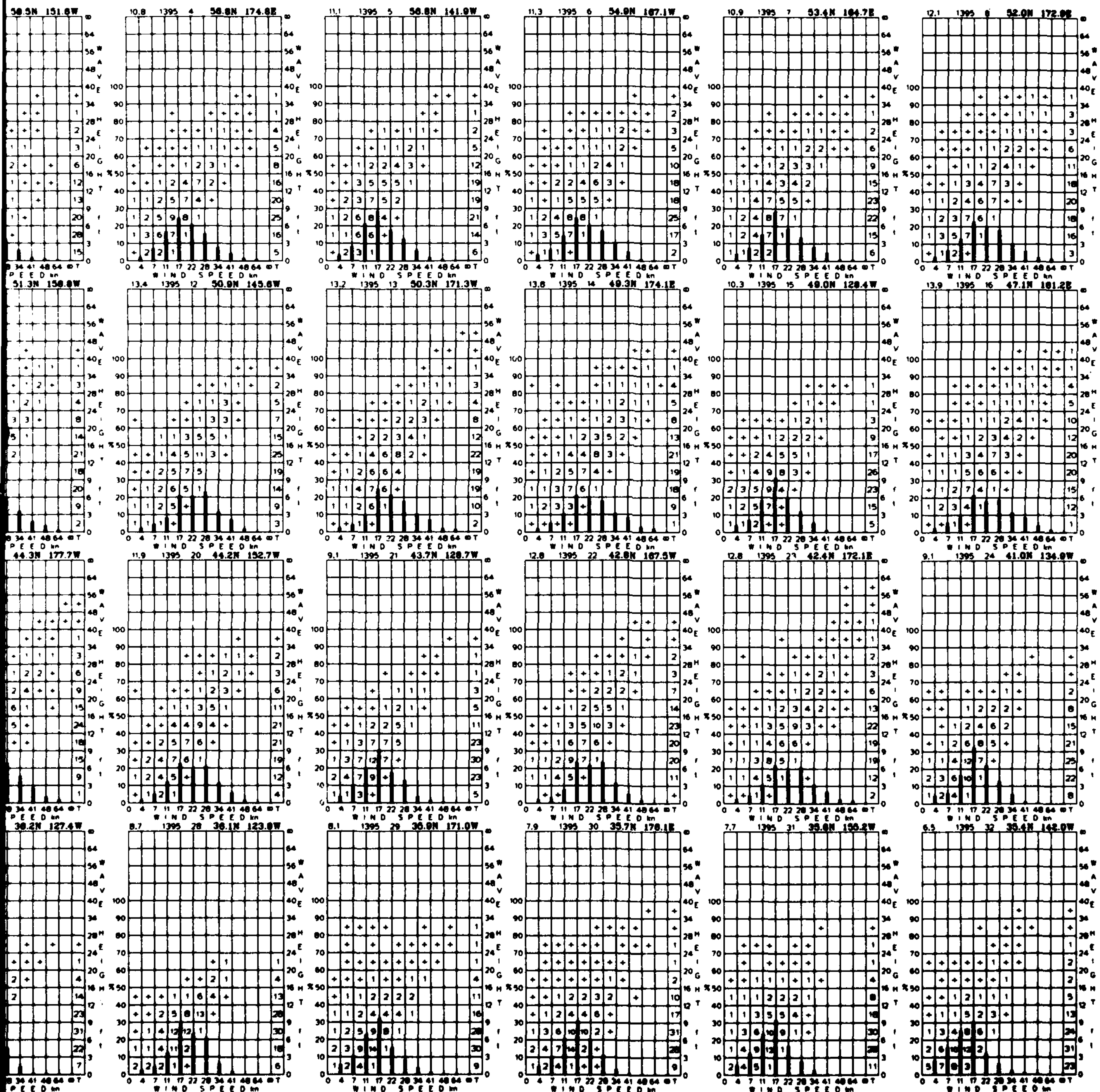
2

APRIL

WAVE HEIG



WAVE HEIGHT AND WIND SPEED



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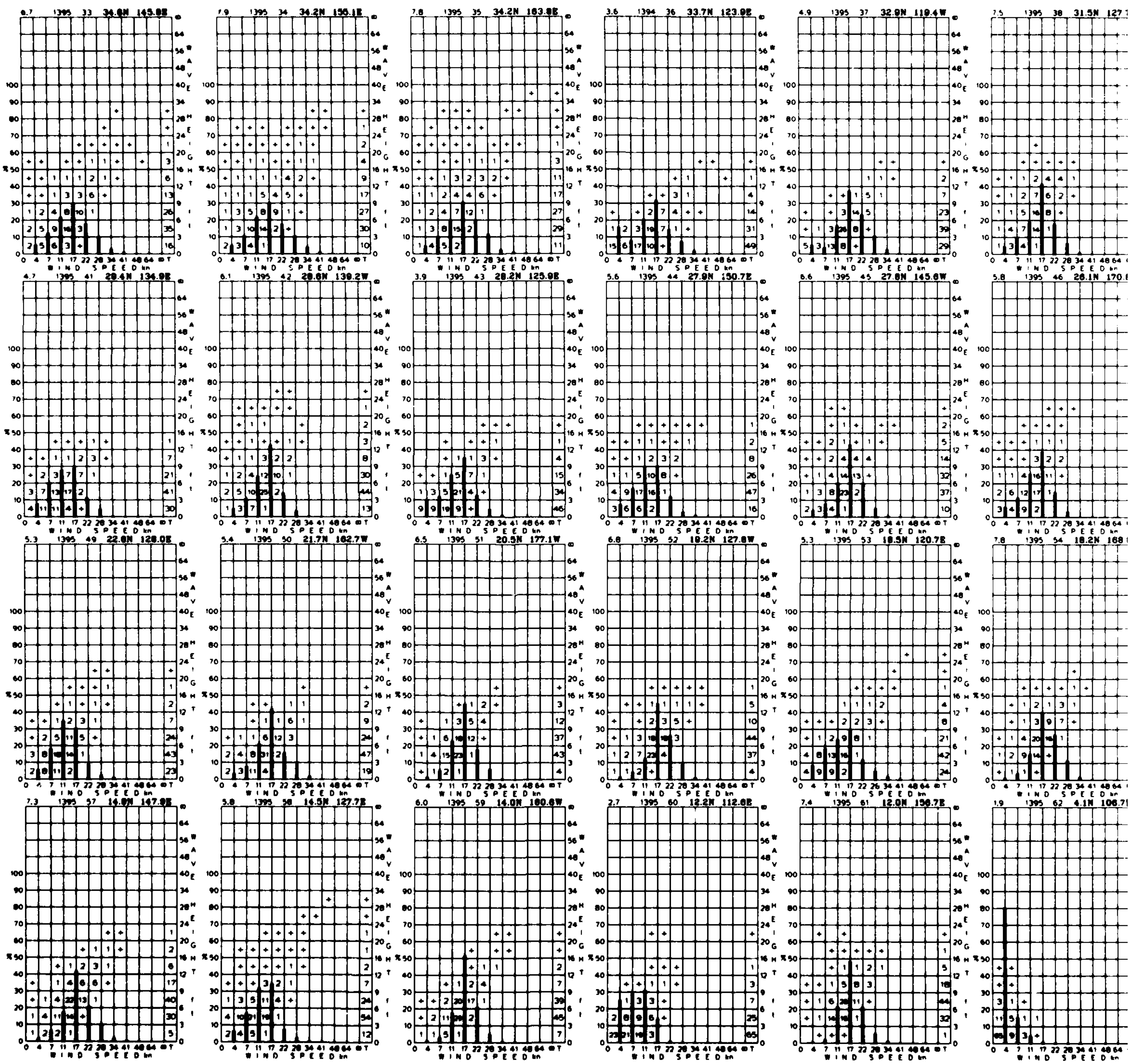
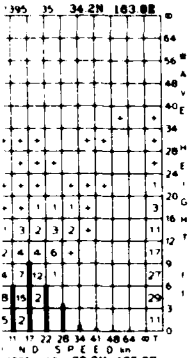
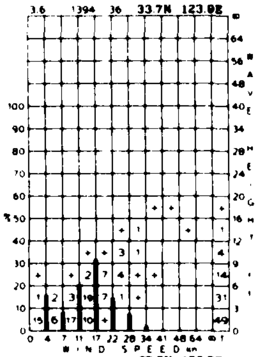
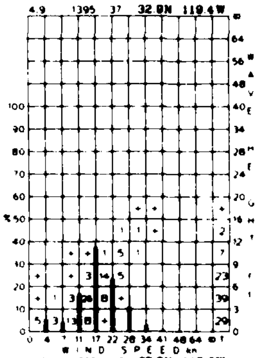
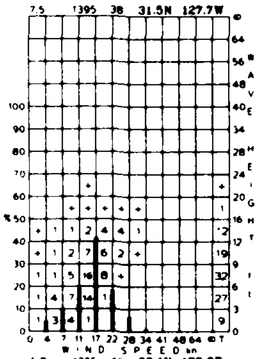
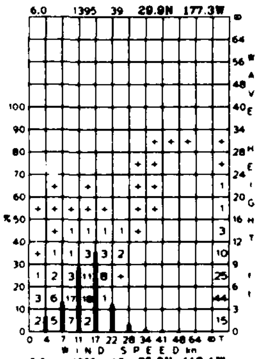
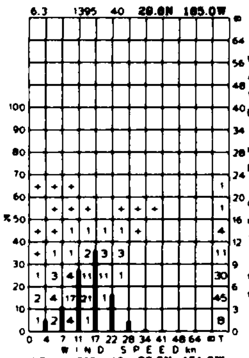
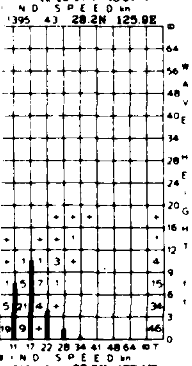
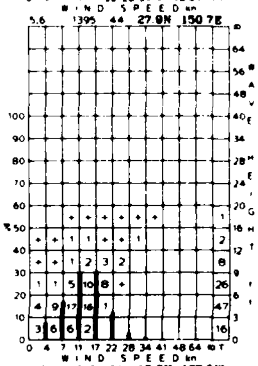
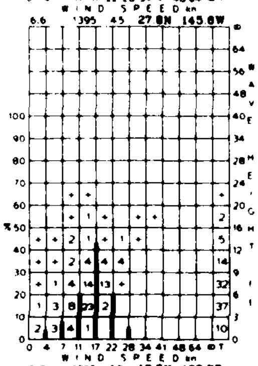
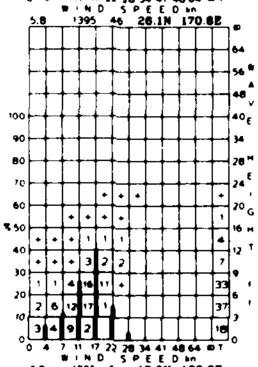
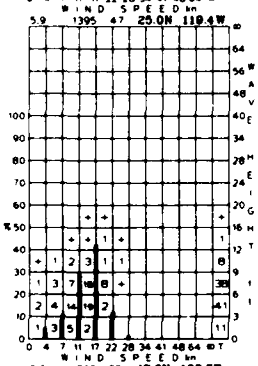
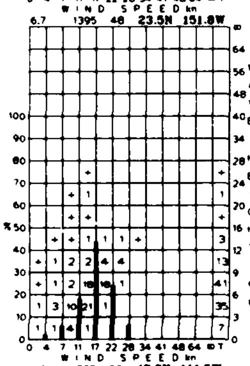
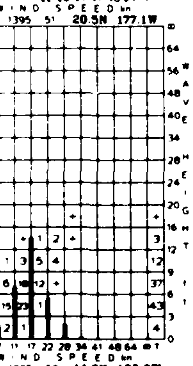
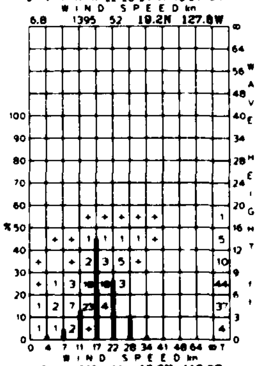
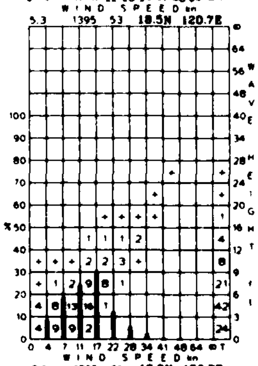
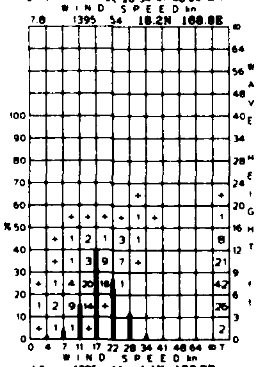
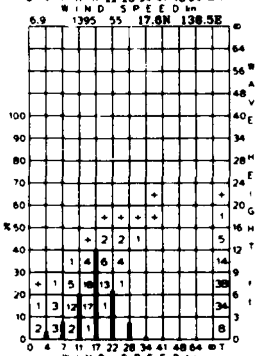
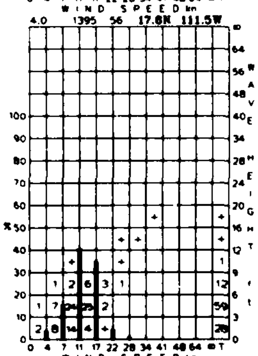
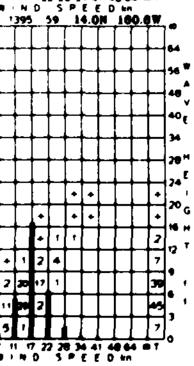
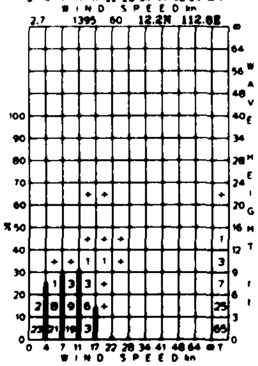
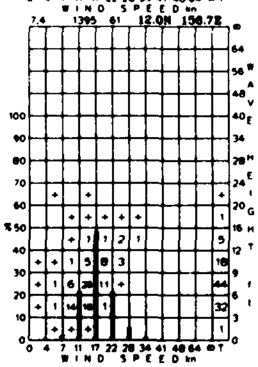
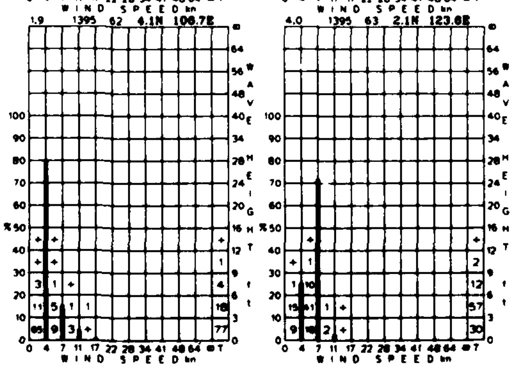
WAVE HEIGHT AND WIND SPEED (Cont'd)



ID SPEED (Cont'd)

APRIL

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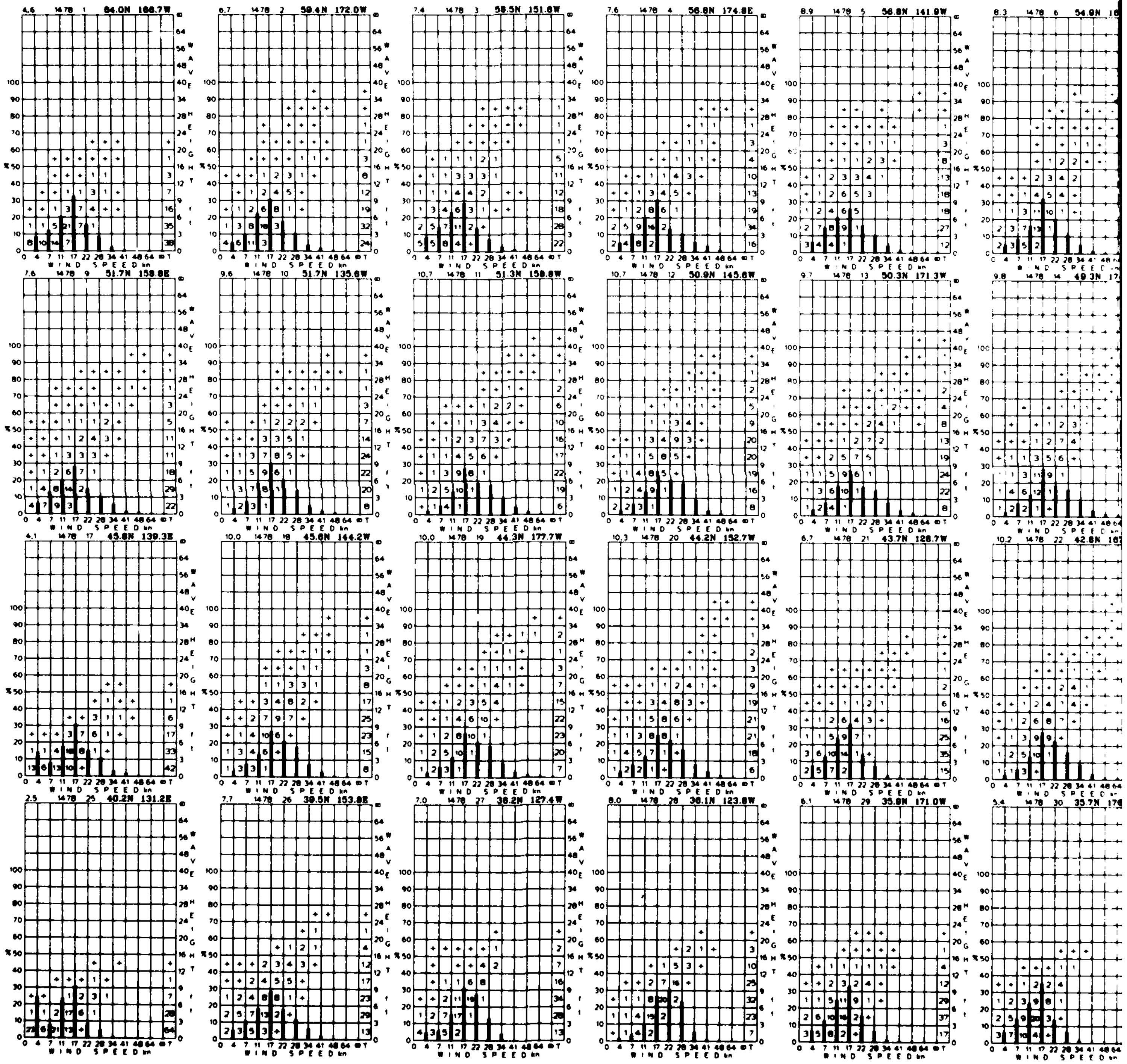
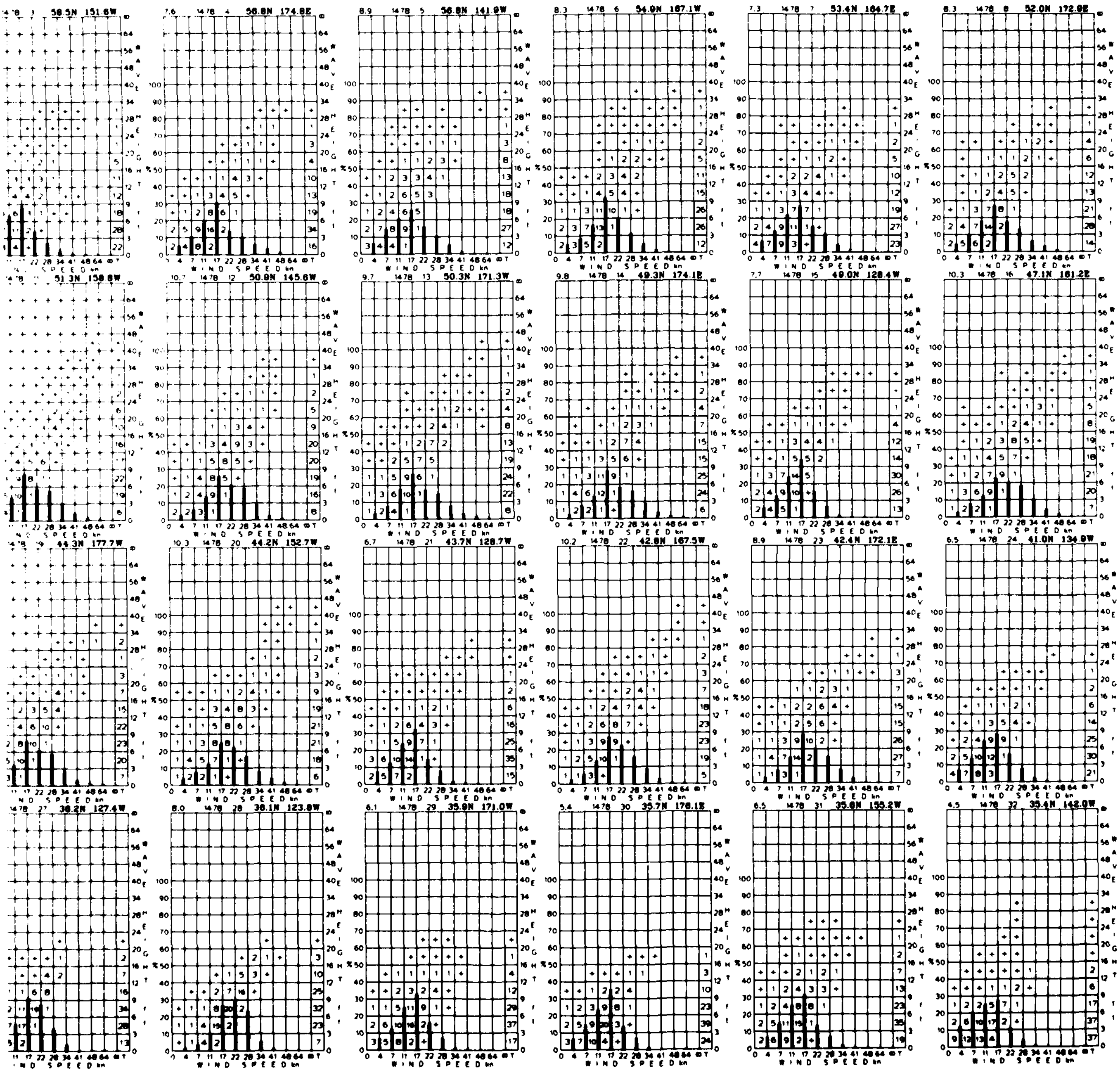
WAVE HEIG



WAVE HEIGHT AND WIND SPEED



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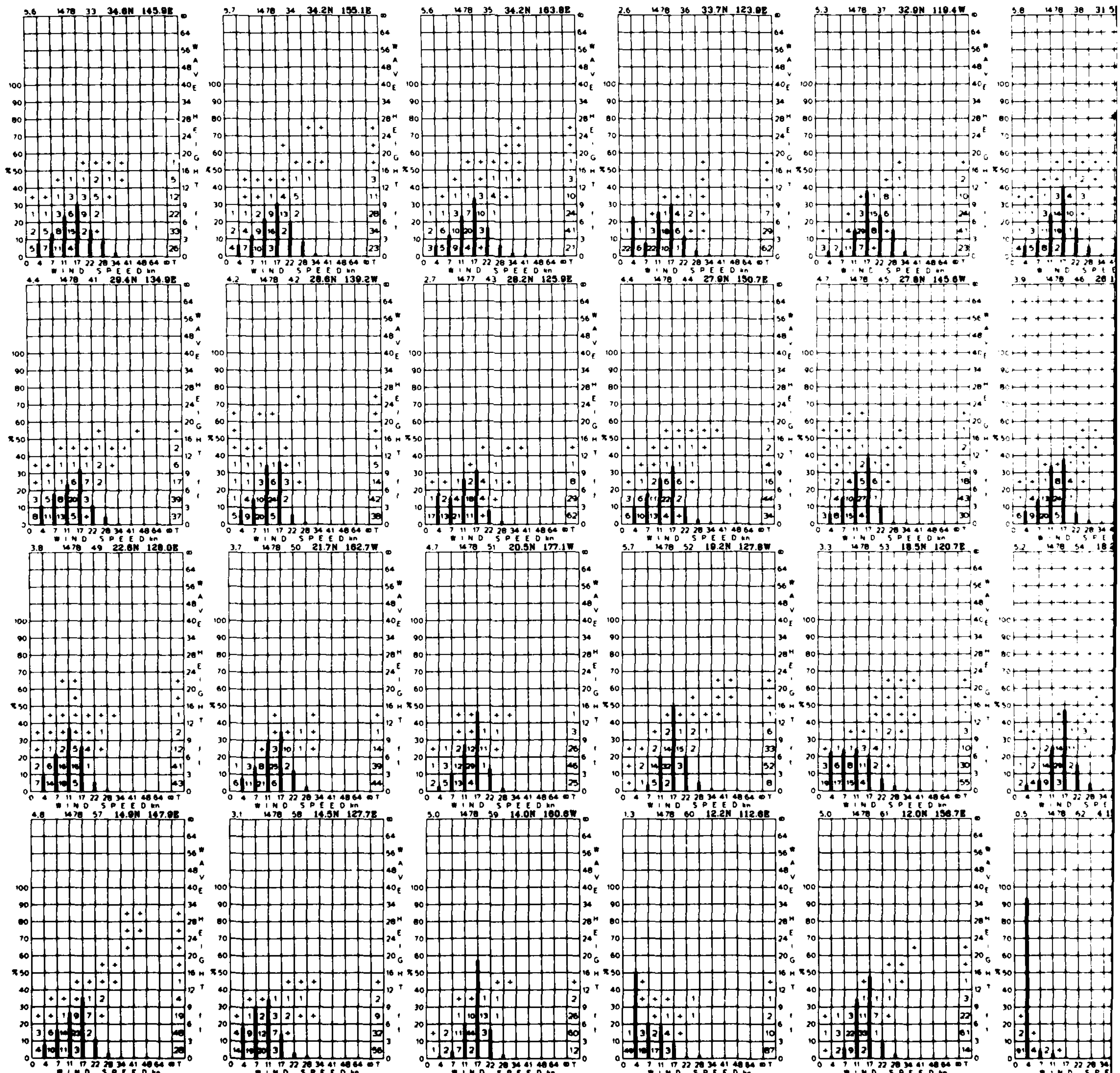

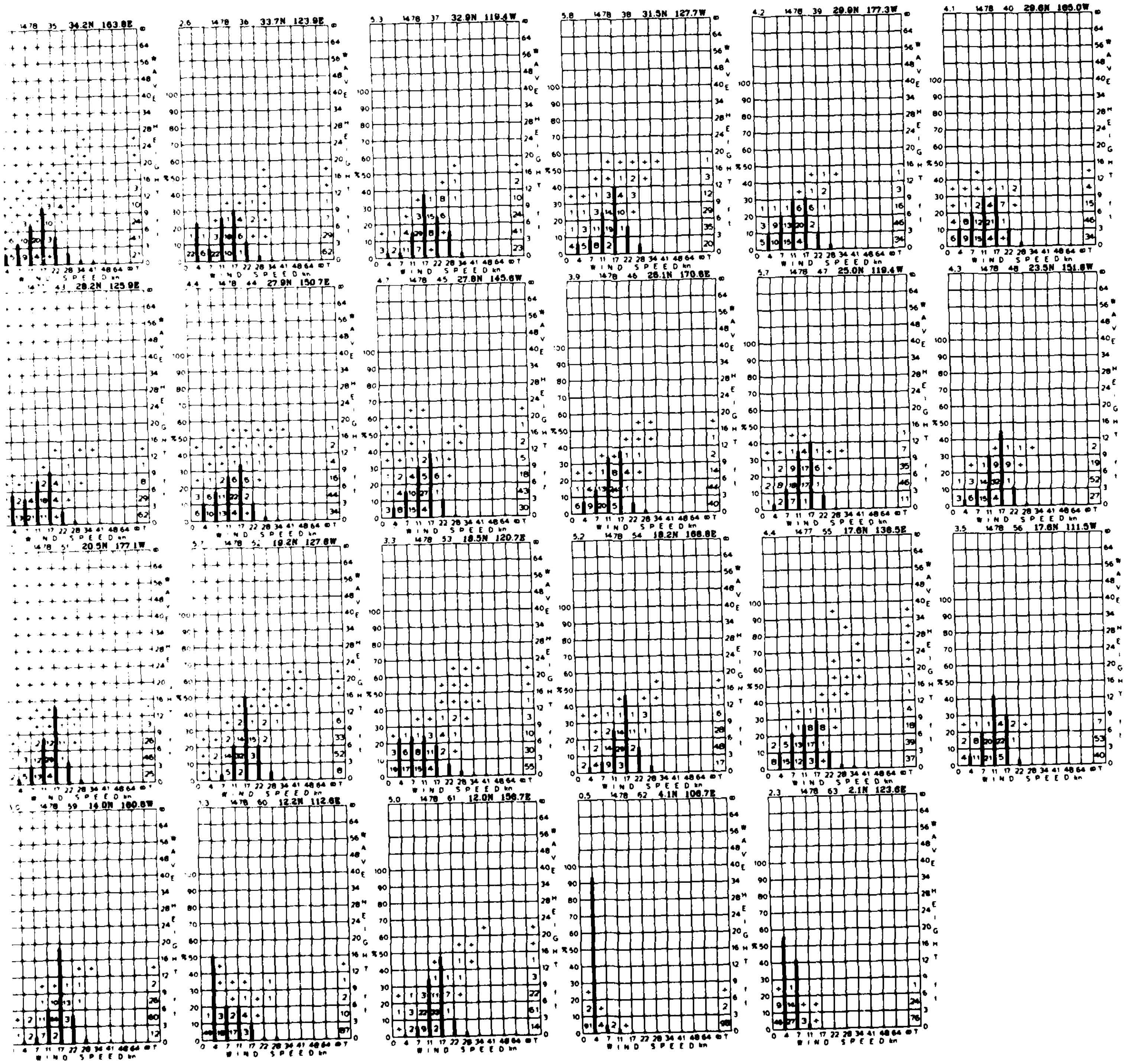
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4.1 1478 40 29.6N 165.0W
43 28.2N 125.9E
4.4 1478 44 27.9N 150.7E
4.7 1478 45 27.8N 145.6W
3.9 1478 46 26.1N 170.6E
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4.3 1478 48 23.5N 151.8W
51 20.5N 177.1W
52 19.2N 127.8W
3.3 1478 53 18.5N 120.7E
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59 14.0N 160.8W
1.3 1478 60 12.2N 112.6E
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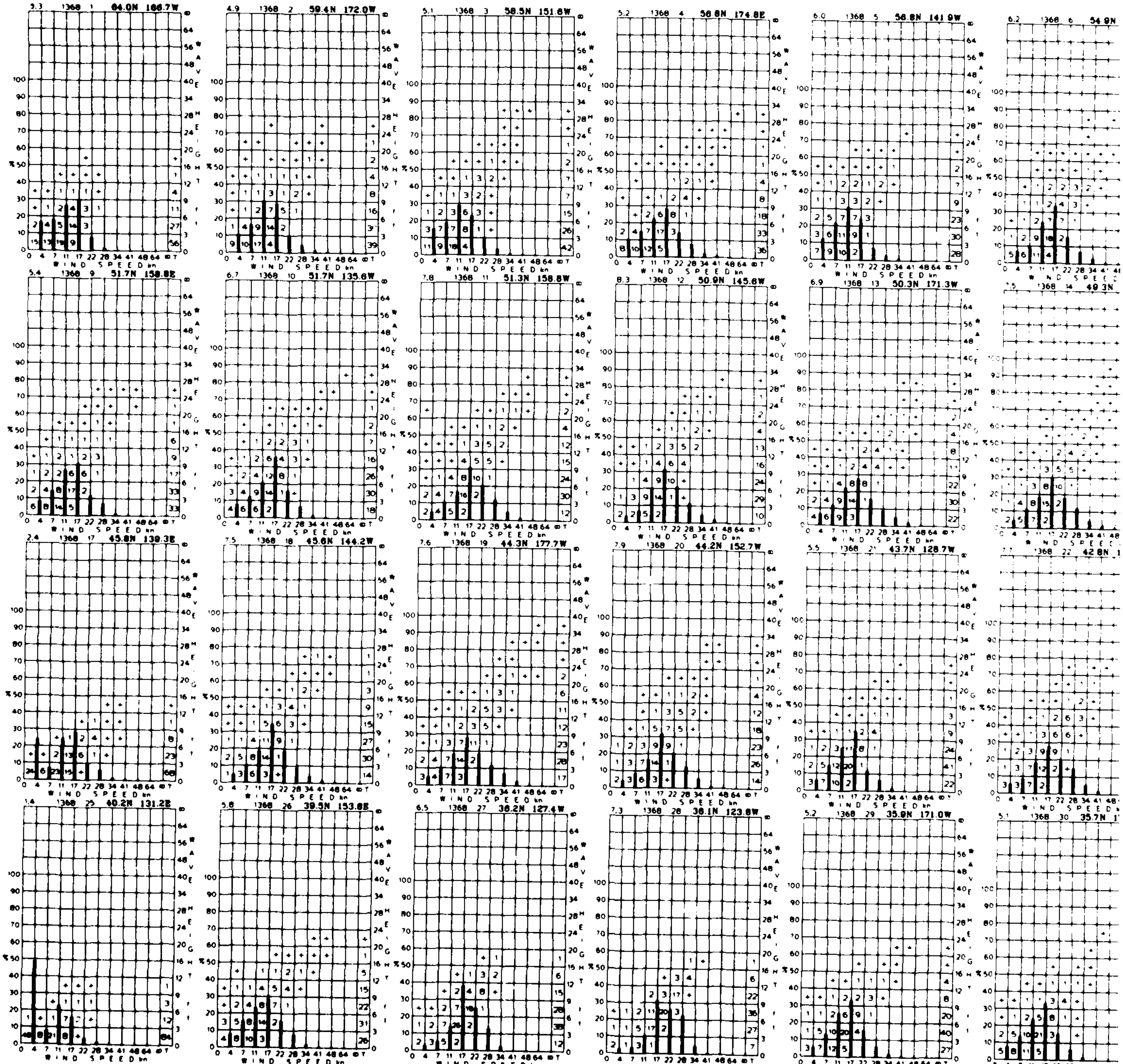
WIND SPEED kn

2



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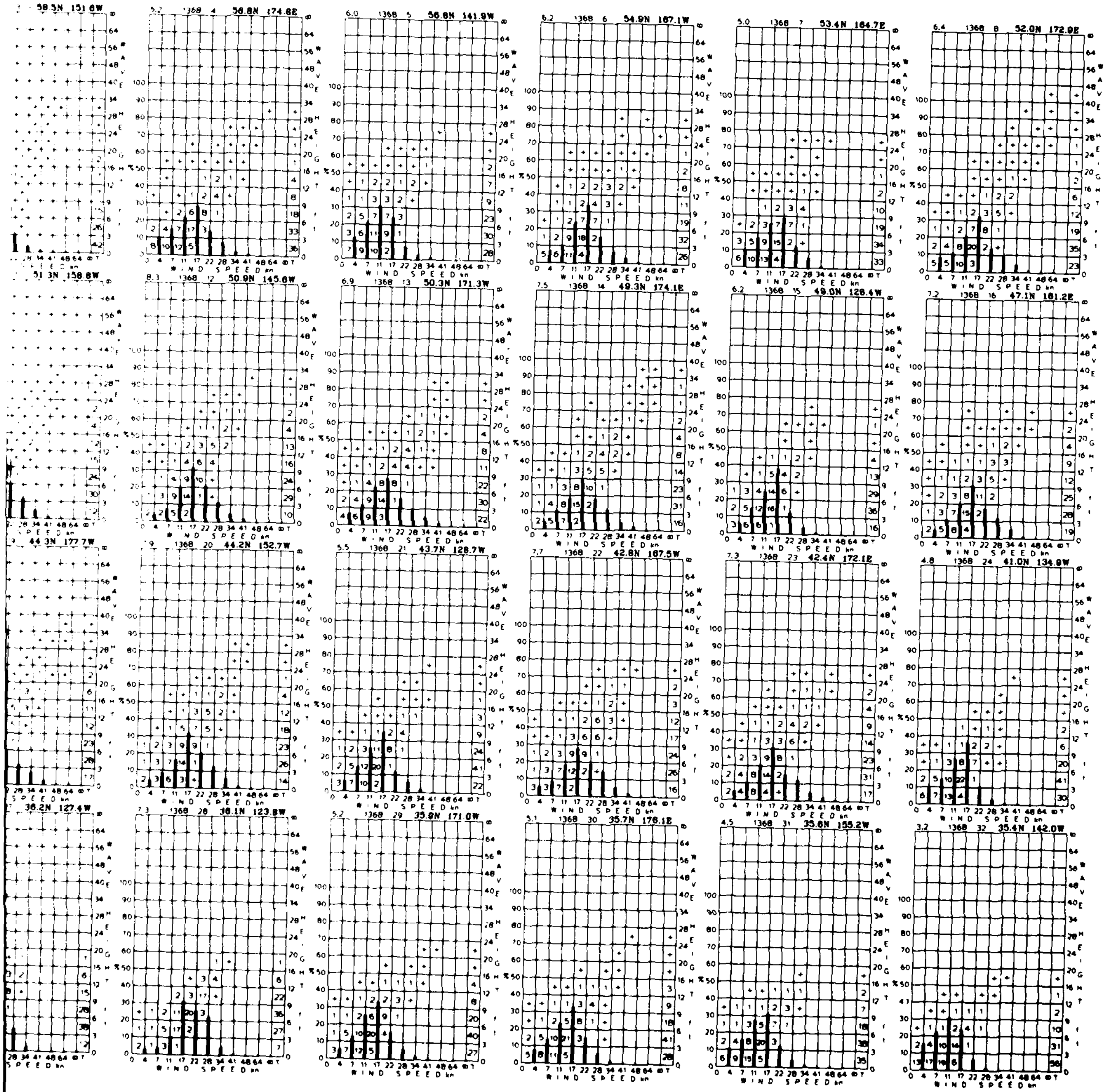

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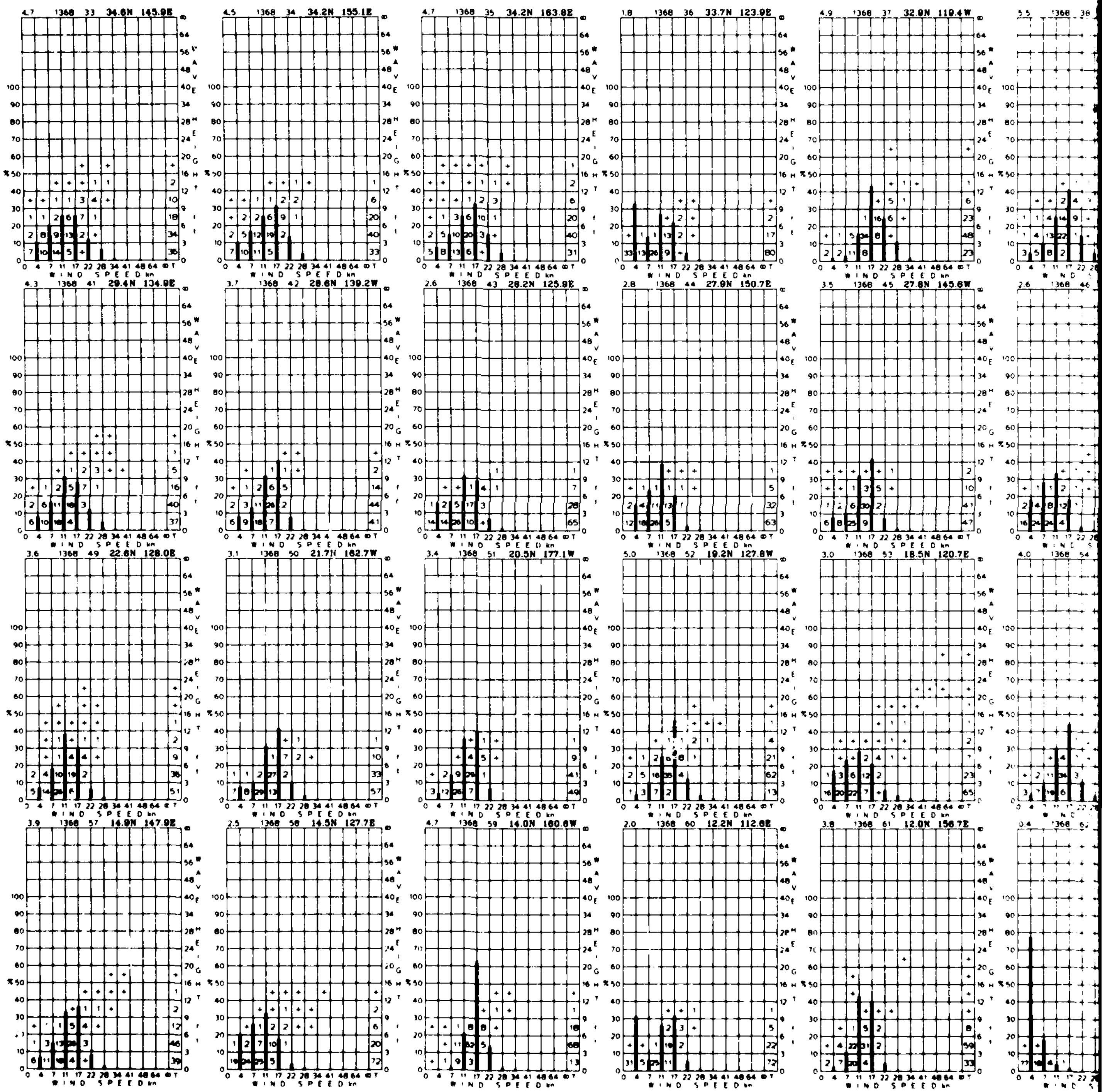

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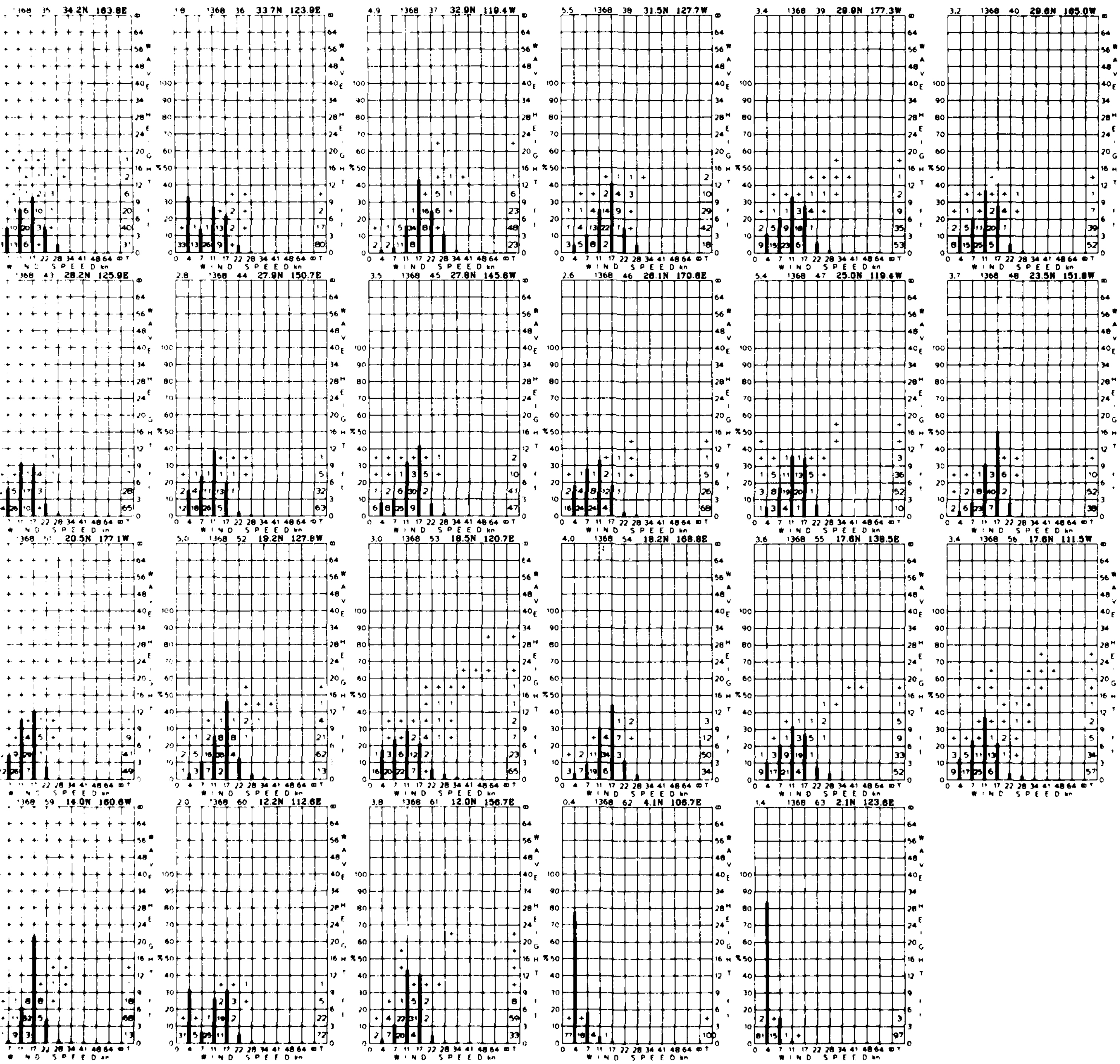

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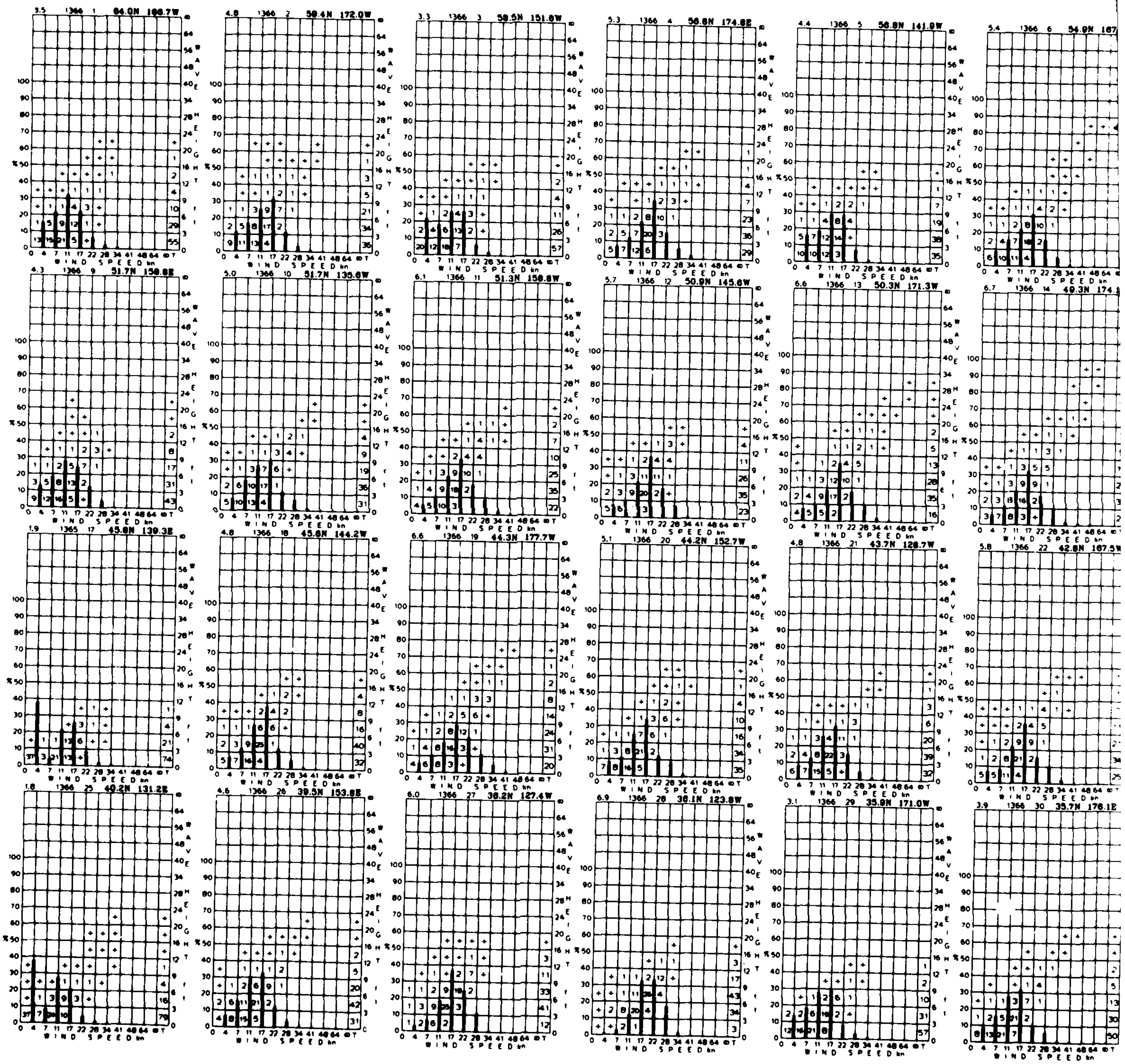
JULY

WAVE HEIG



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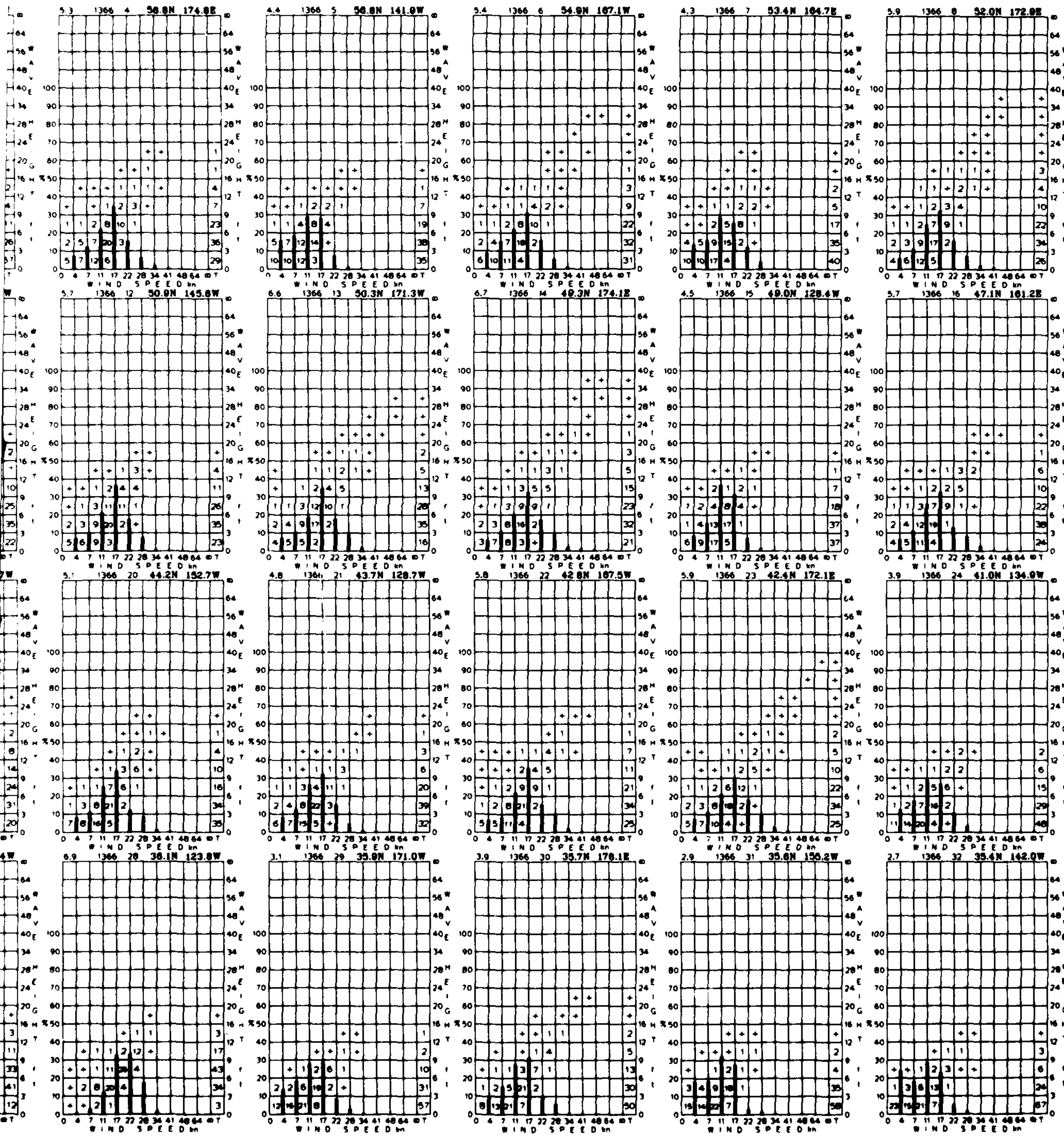

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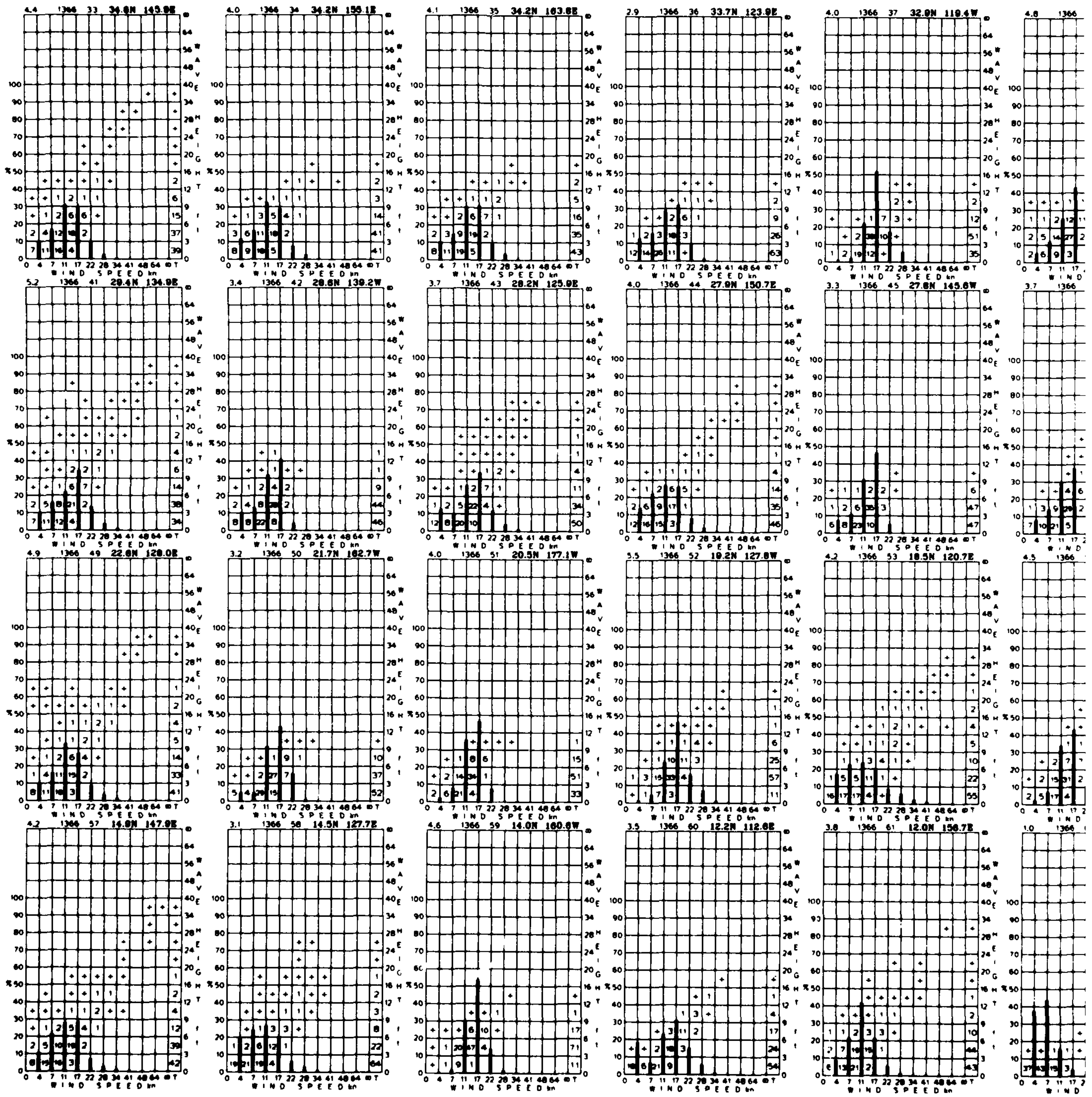

VIND SPEED (Cont'd)

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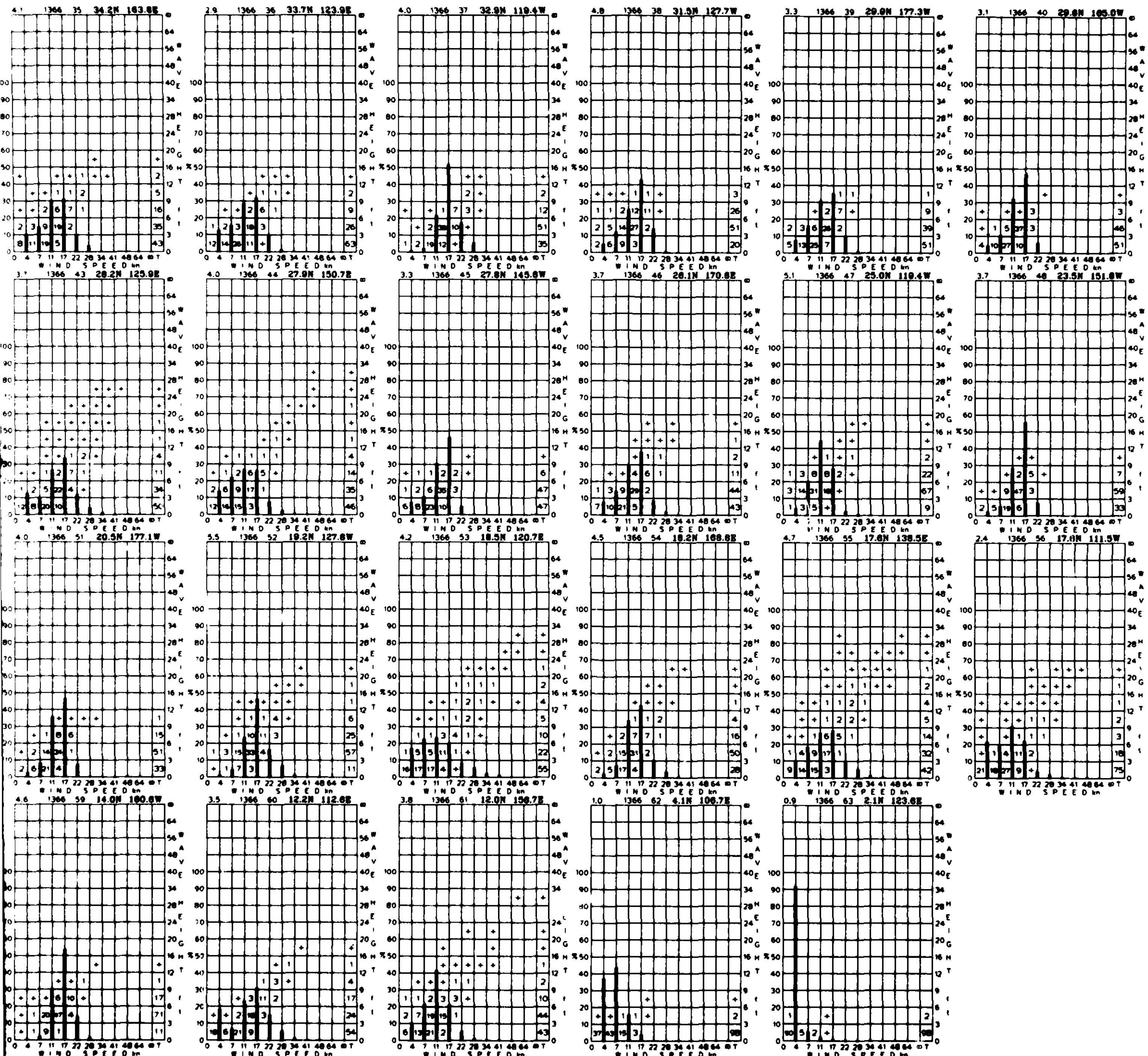

AUGUST

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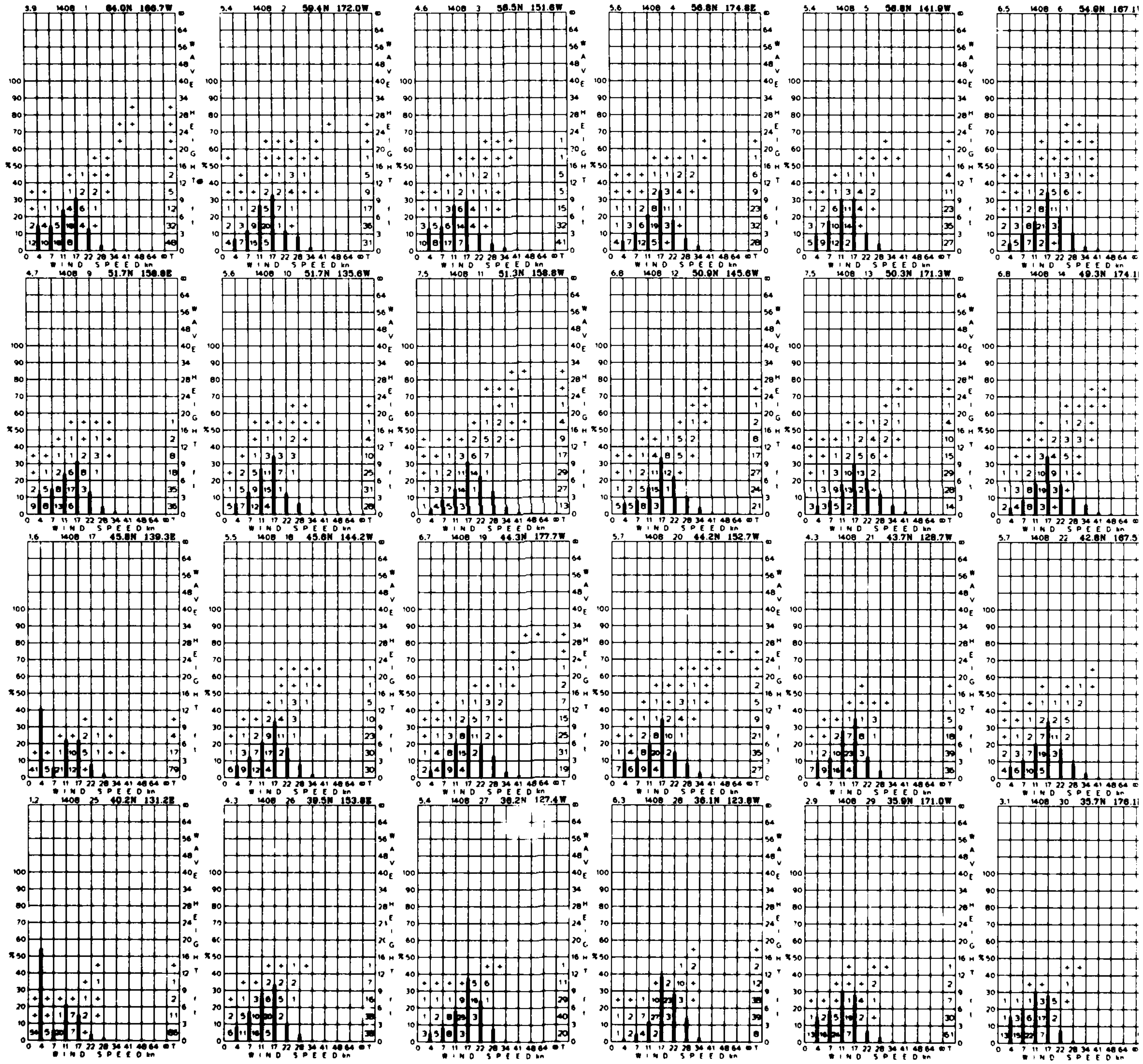

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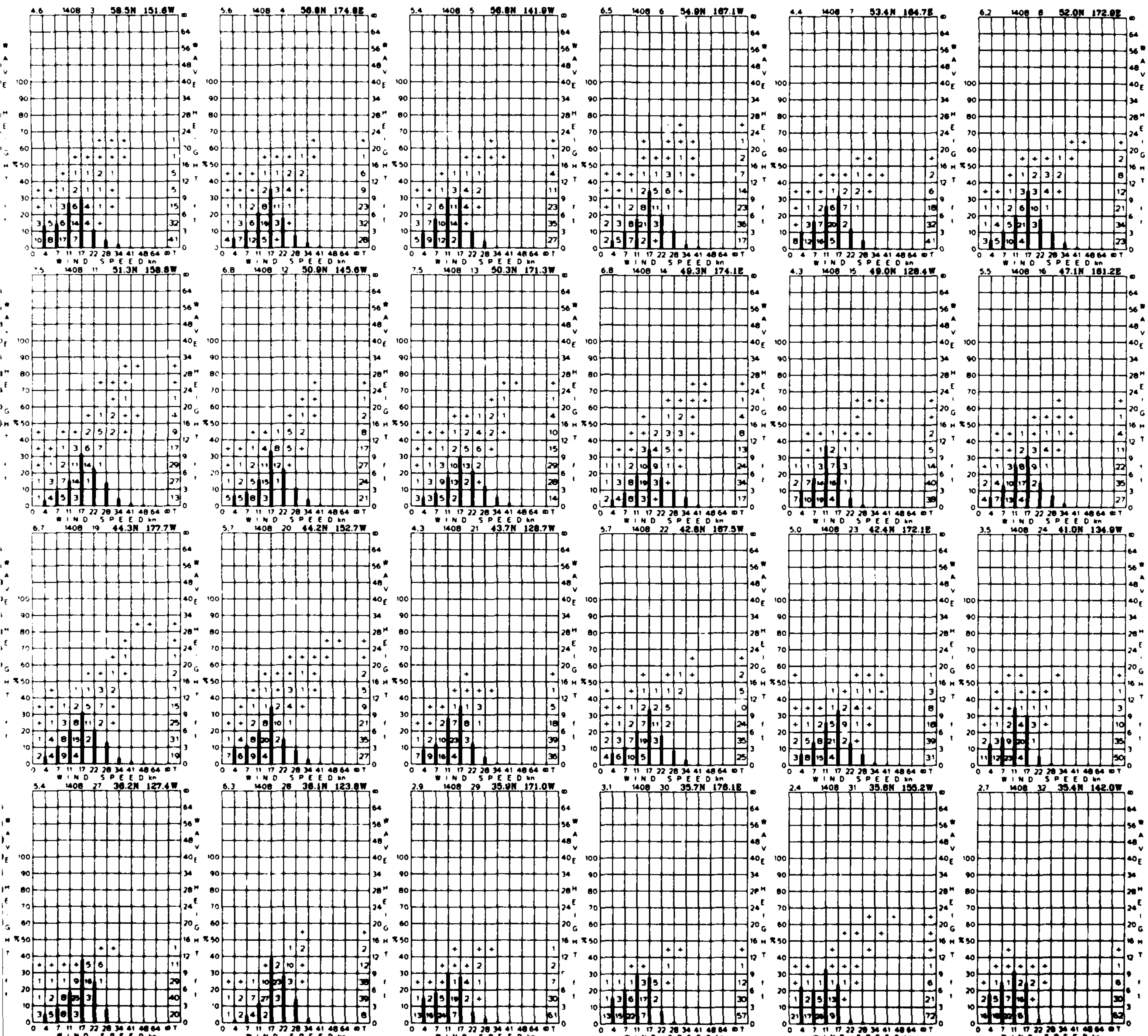

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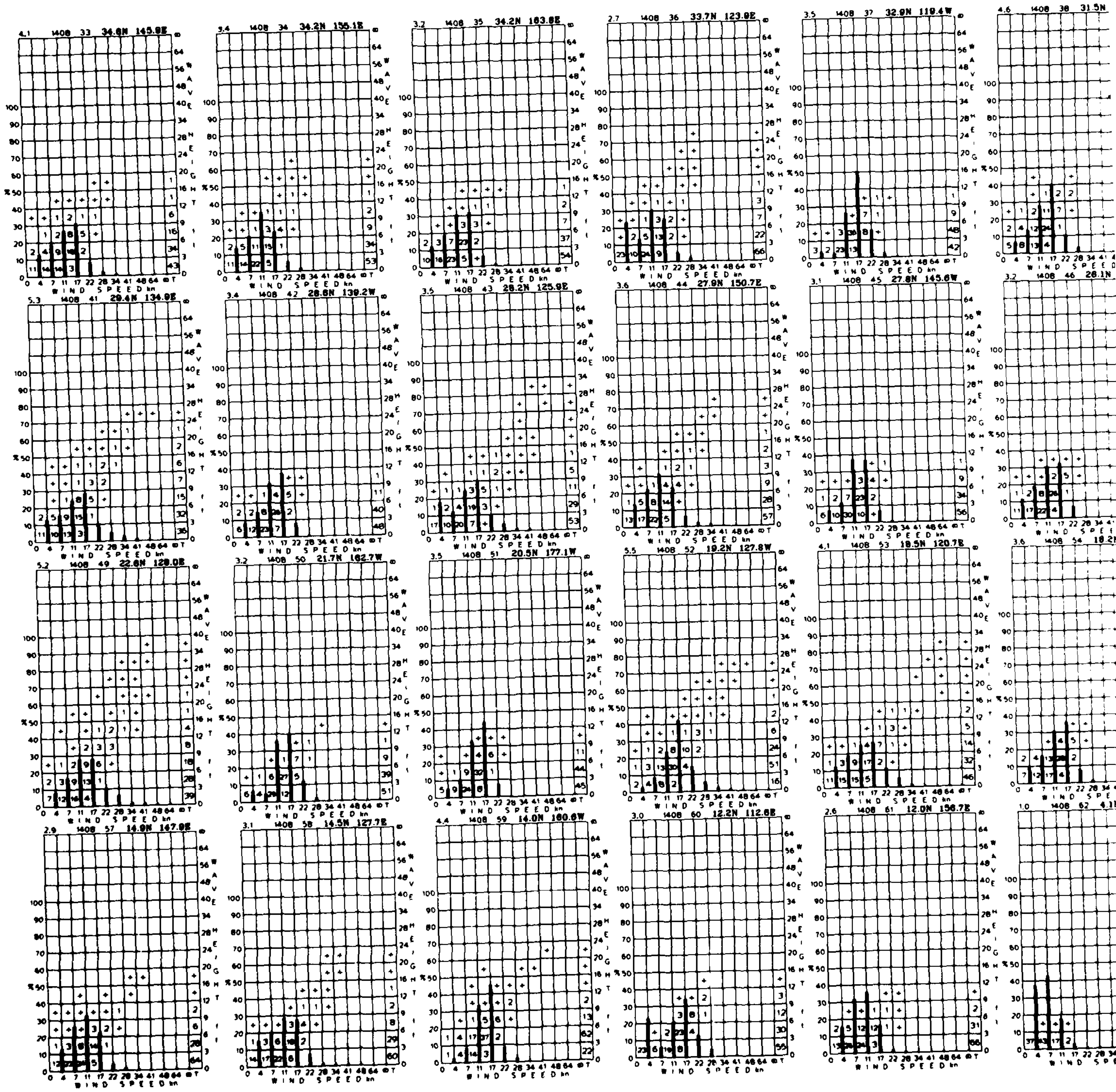

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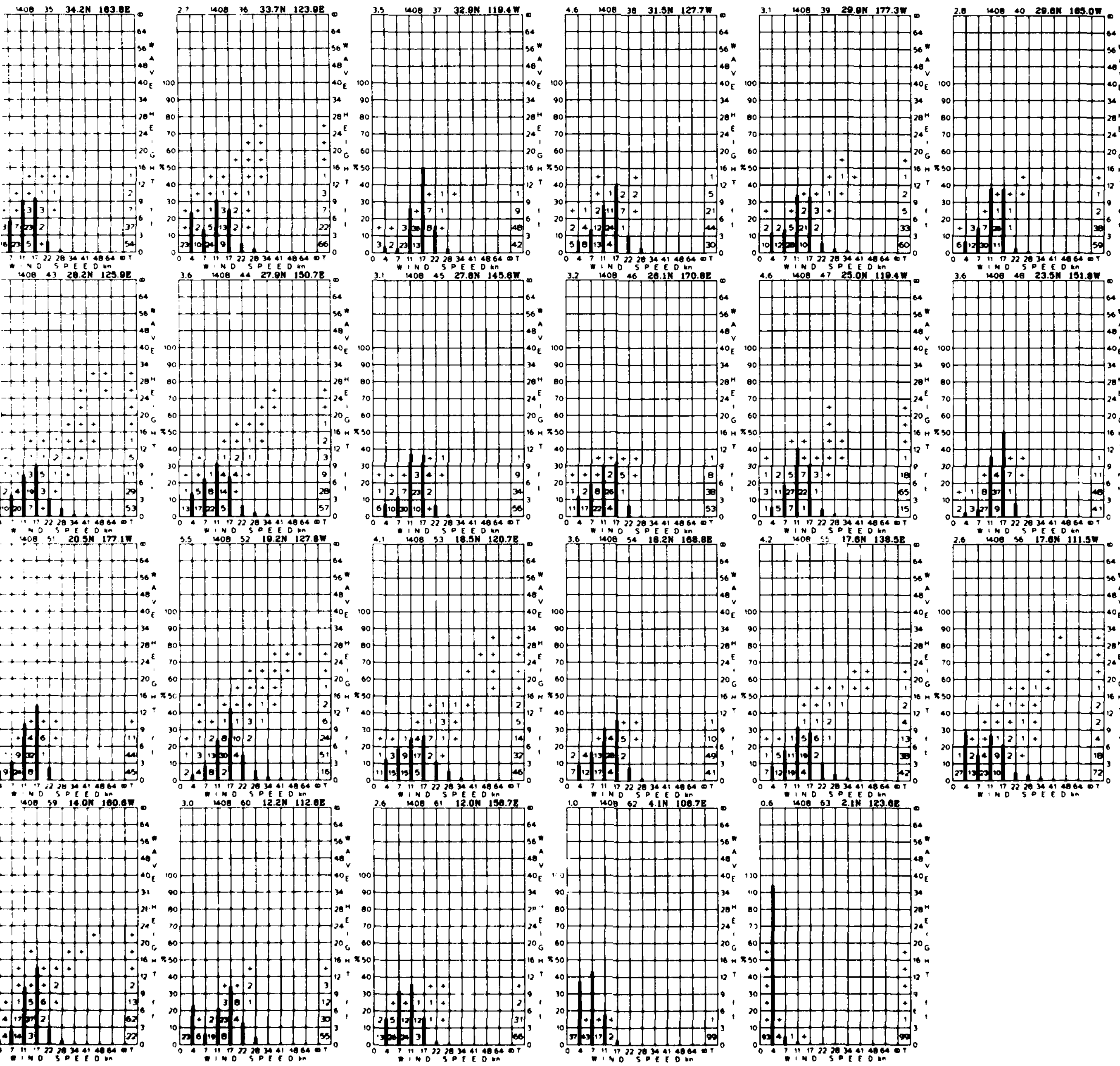

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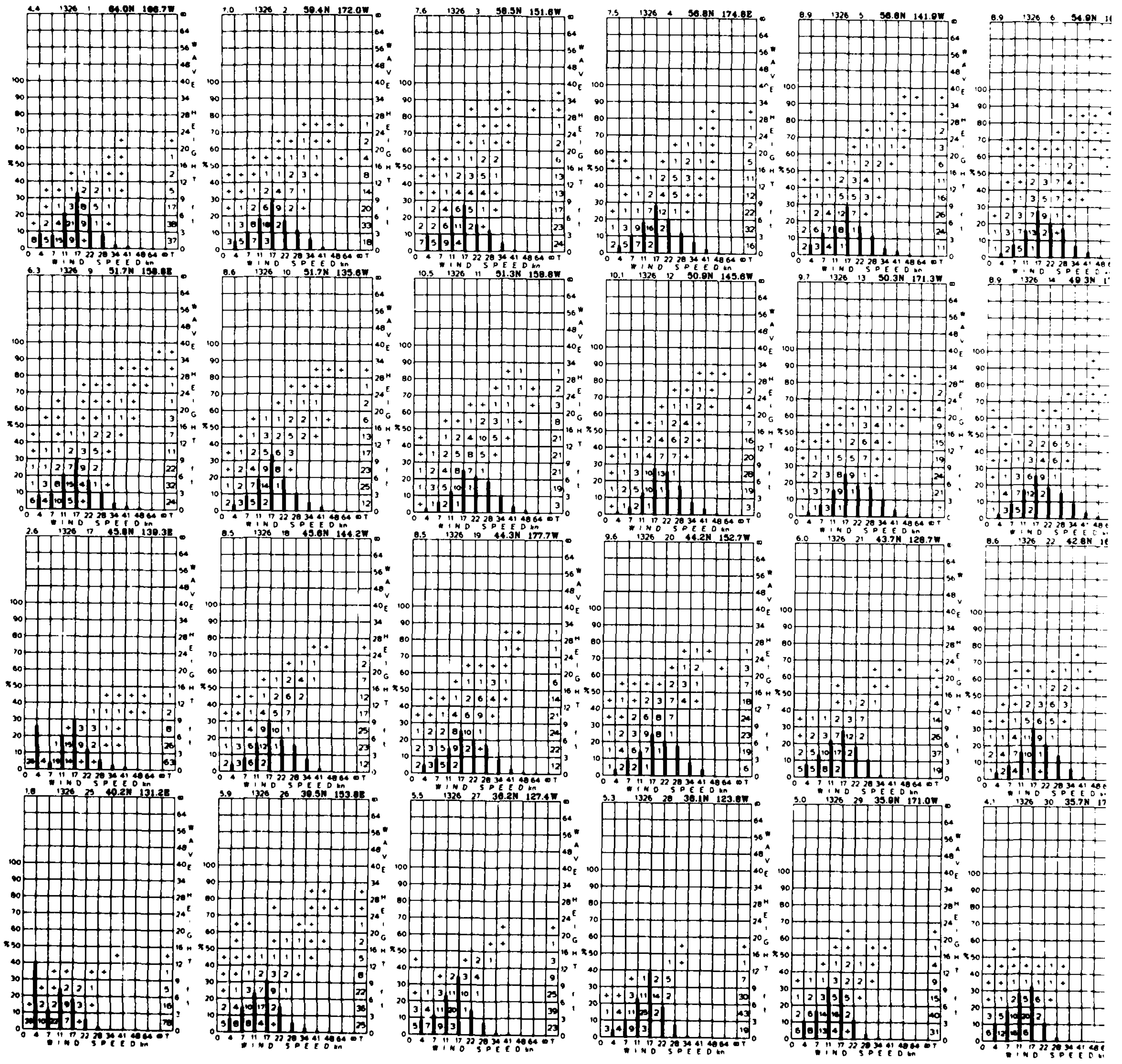
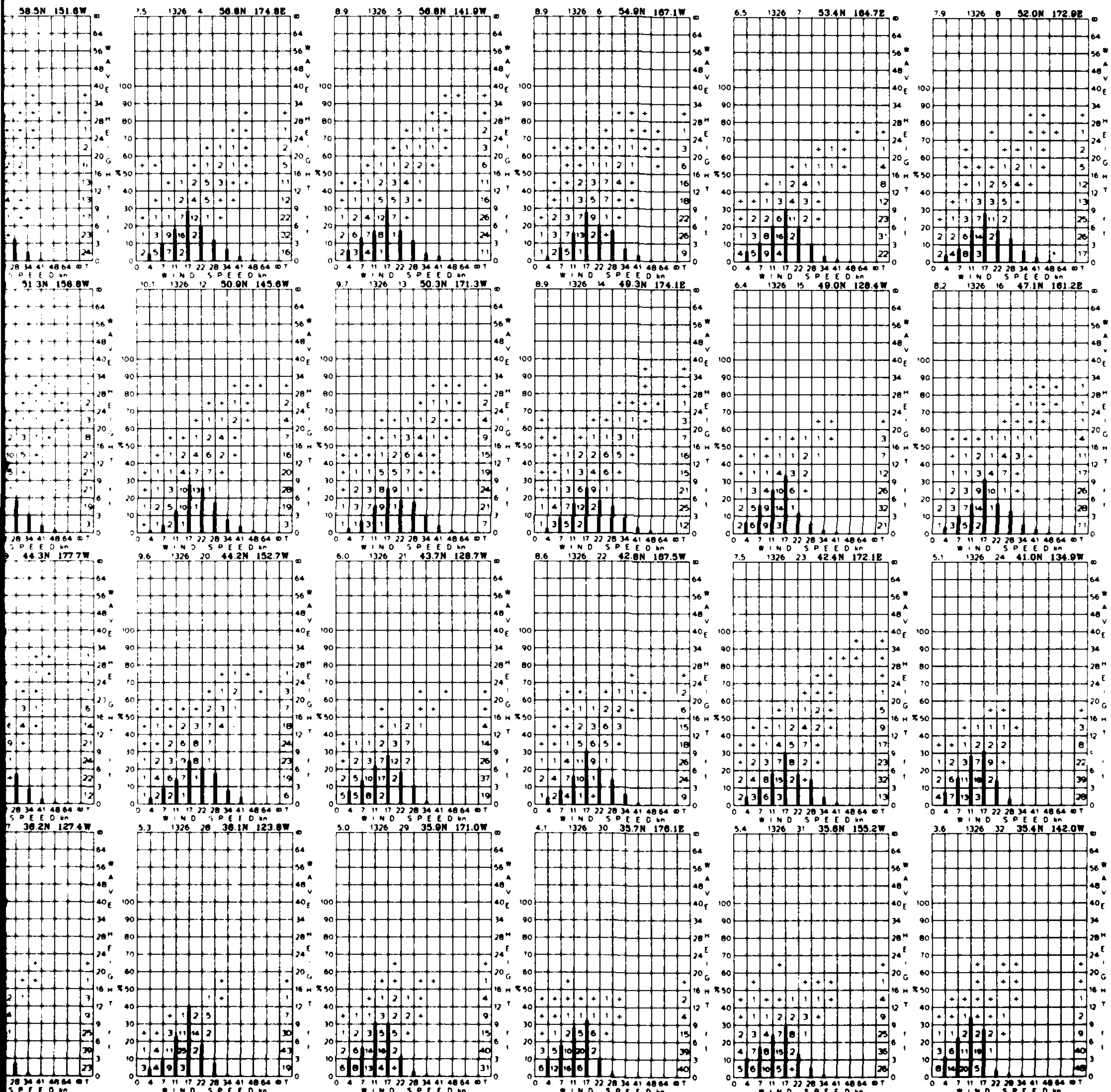


WAVE HEIGHT AND WIND SPEED



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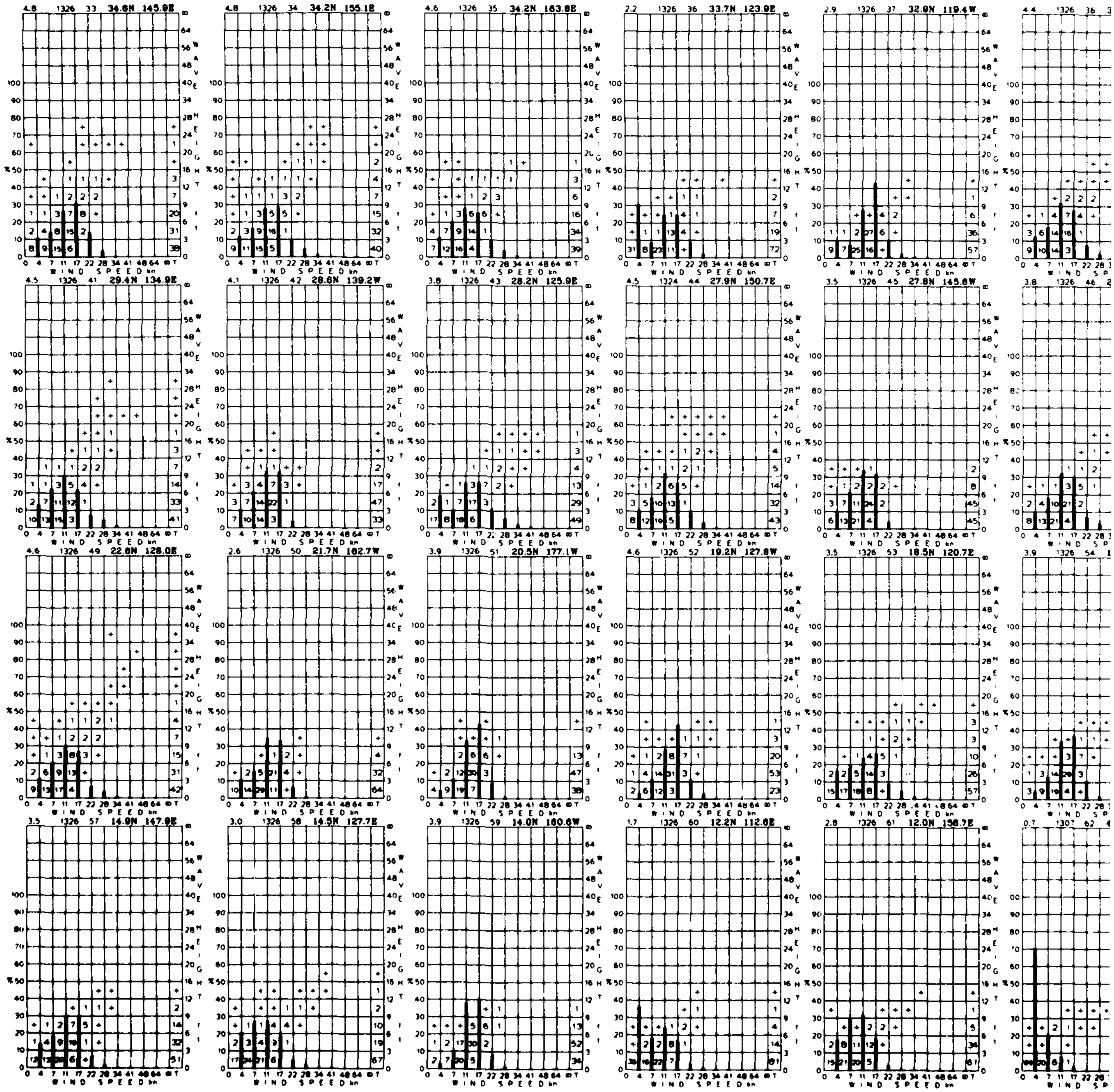
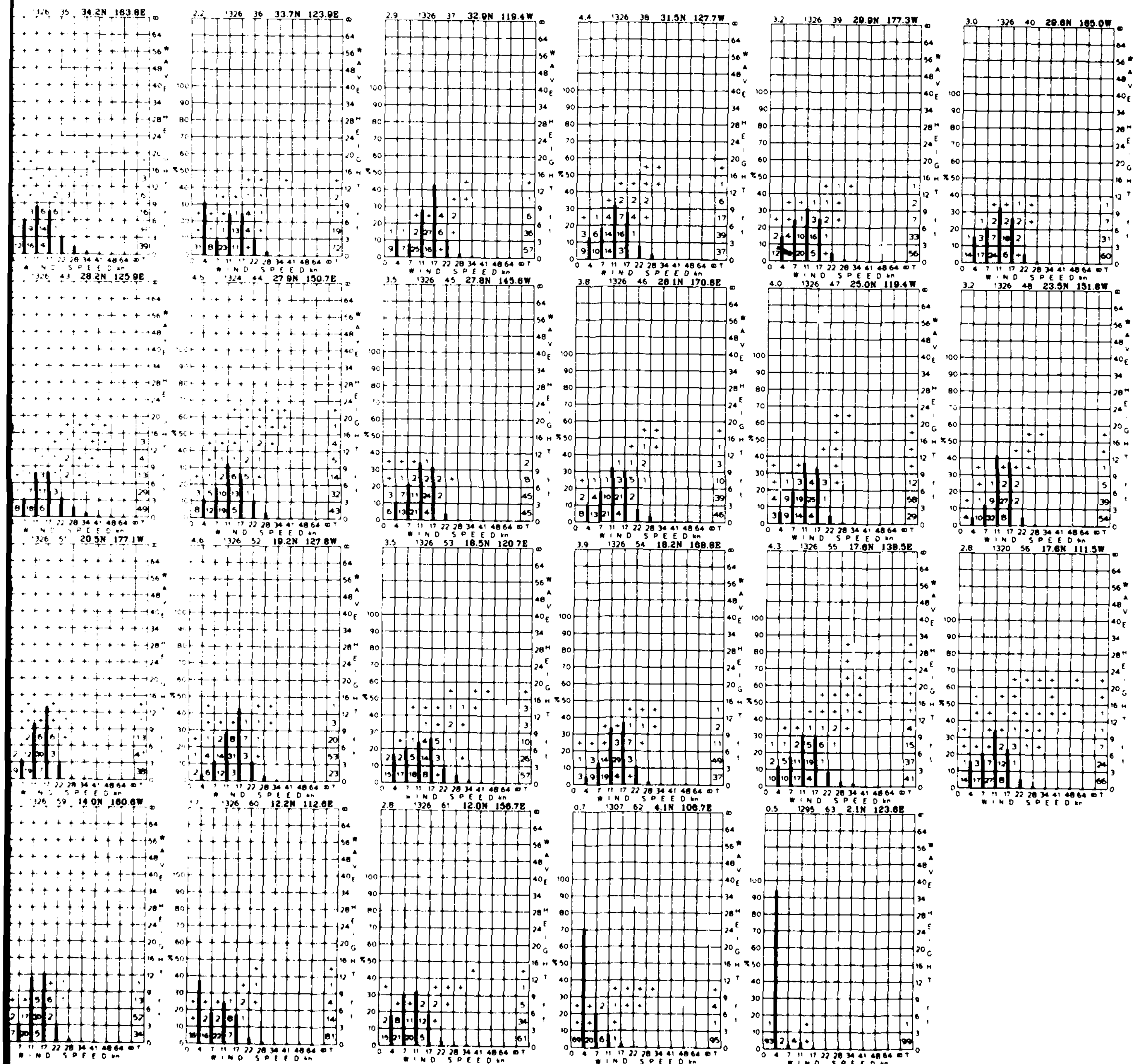


ND SPEED (Cont'd)

SEPTEMBER



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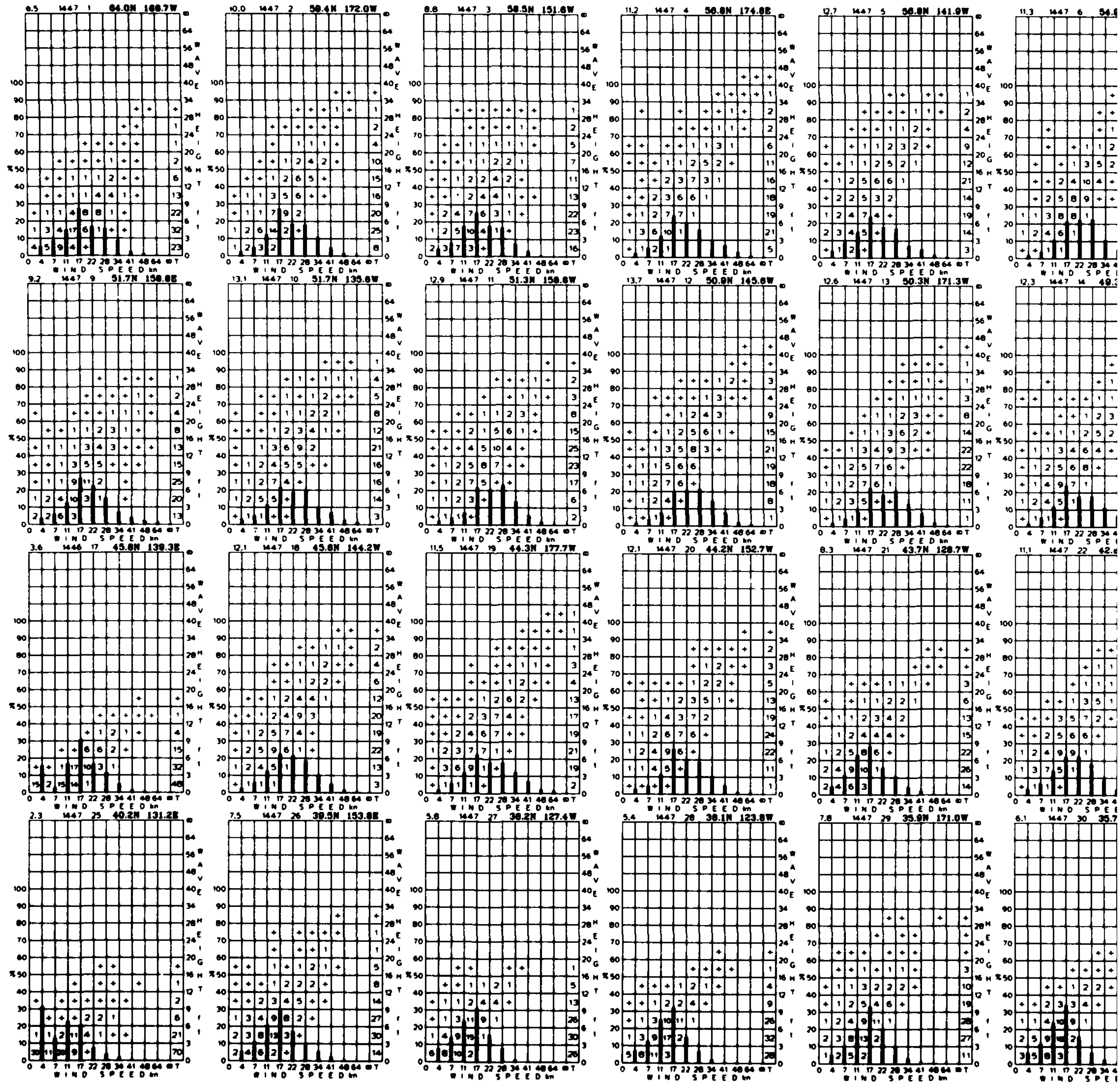
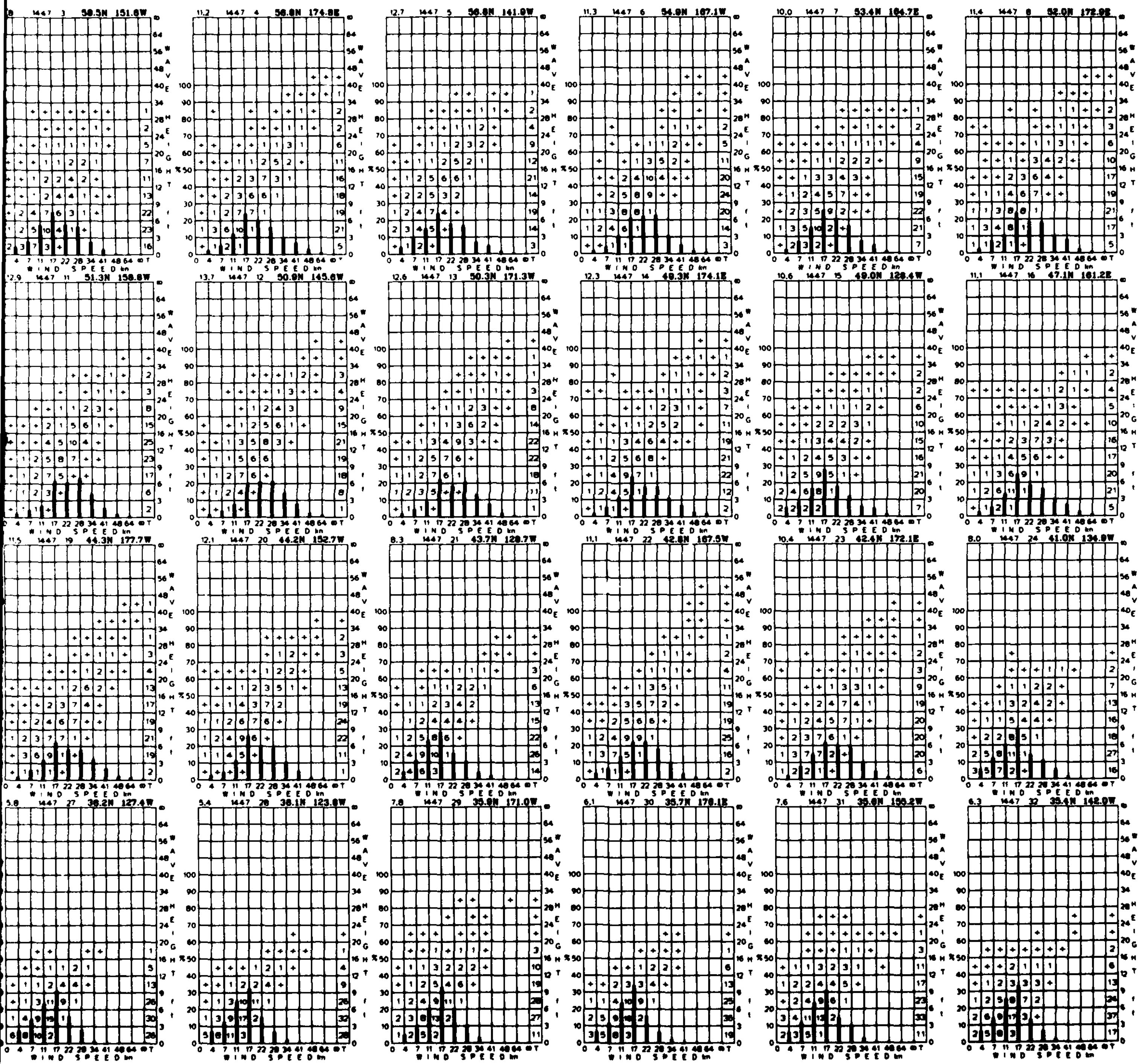
OCTOBER

WAVE HE



WAVE HEIGHT AND WIND SPEED



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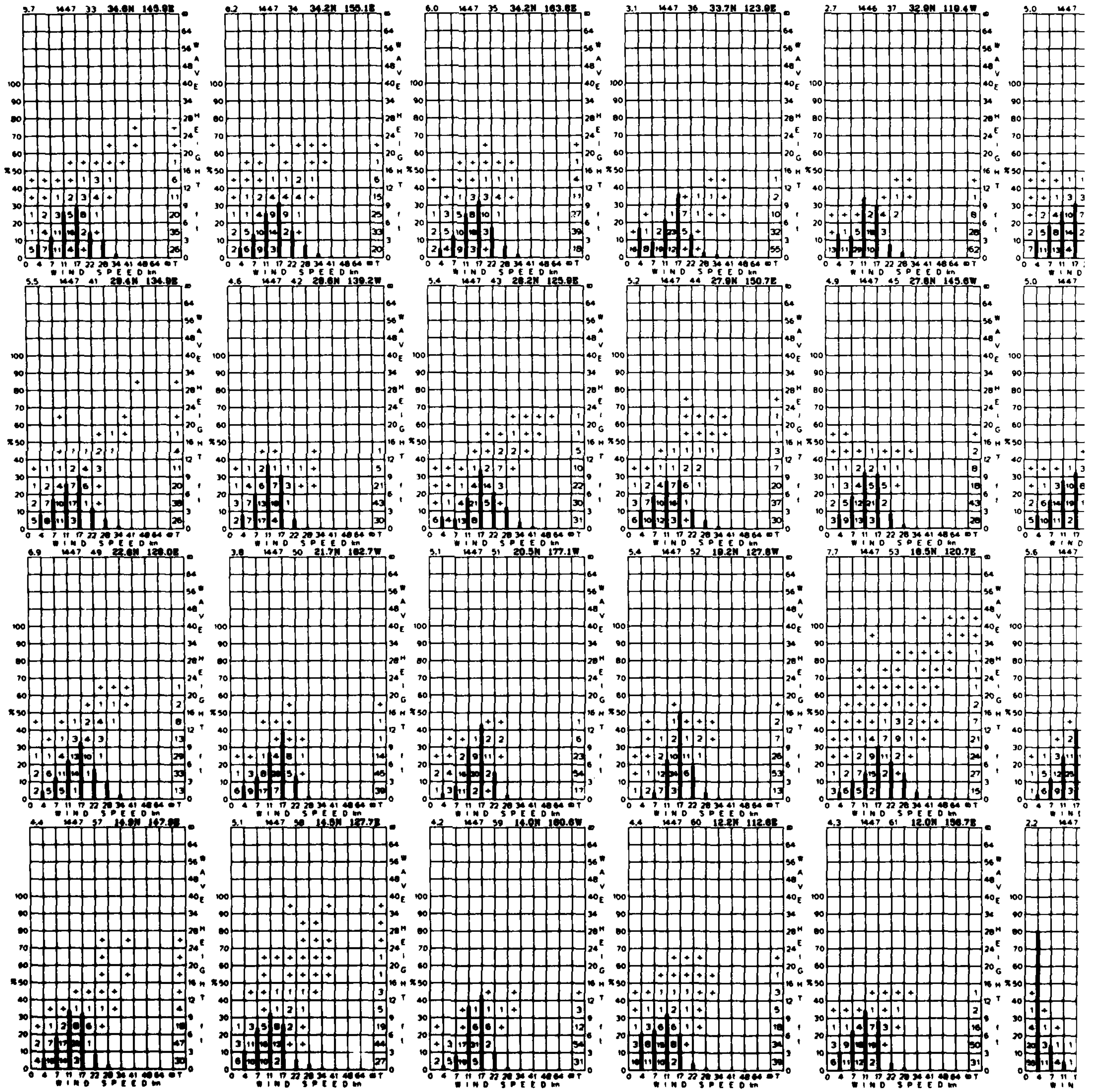

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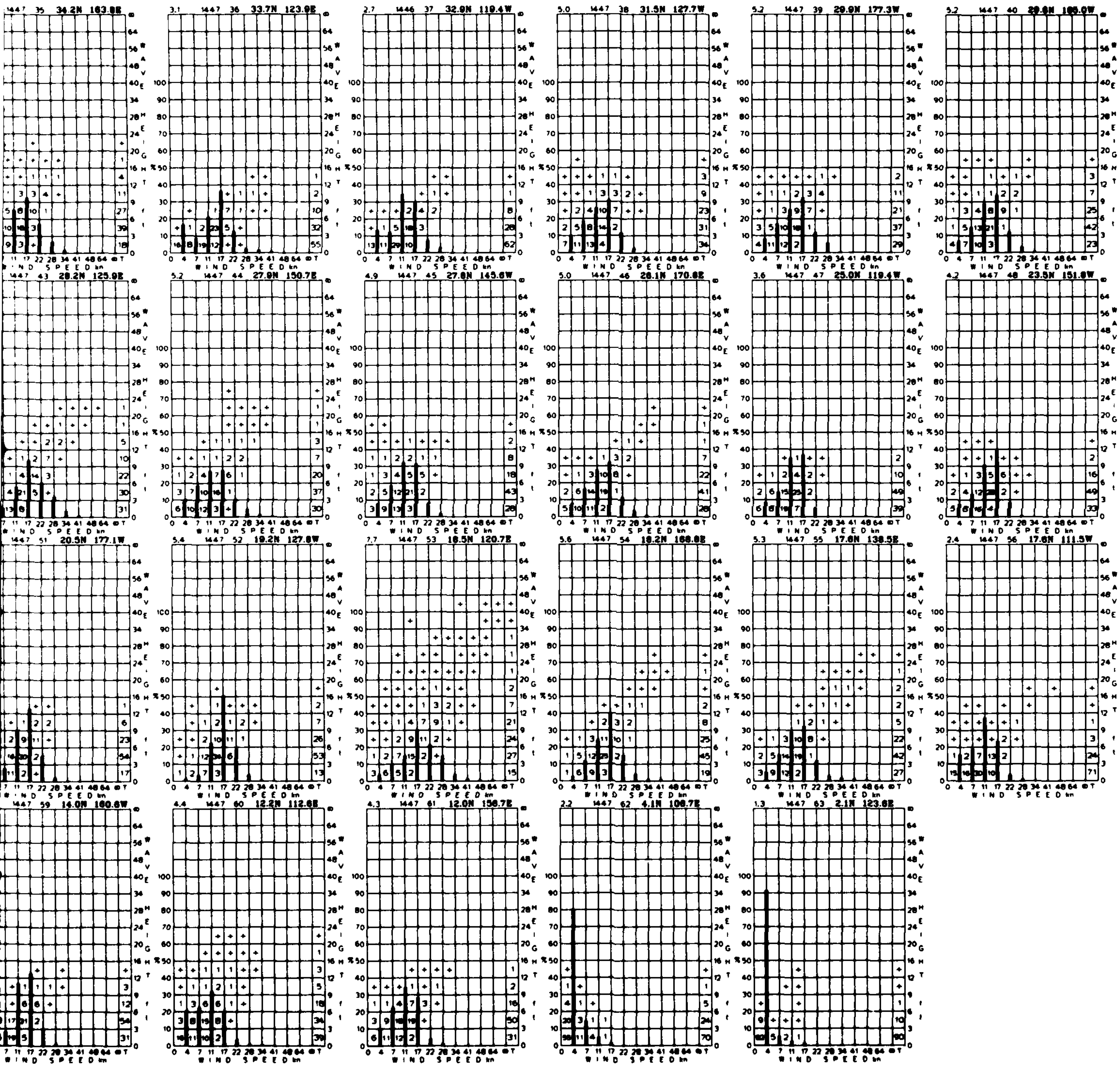

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NOVEMBER

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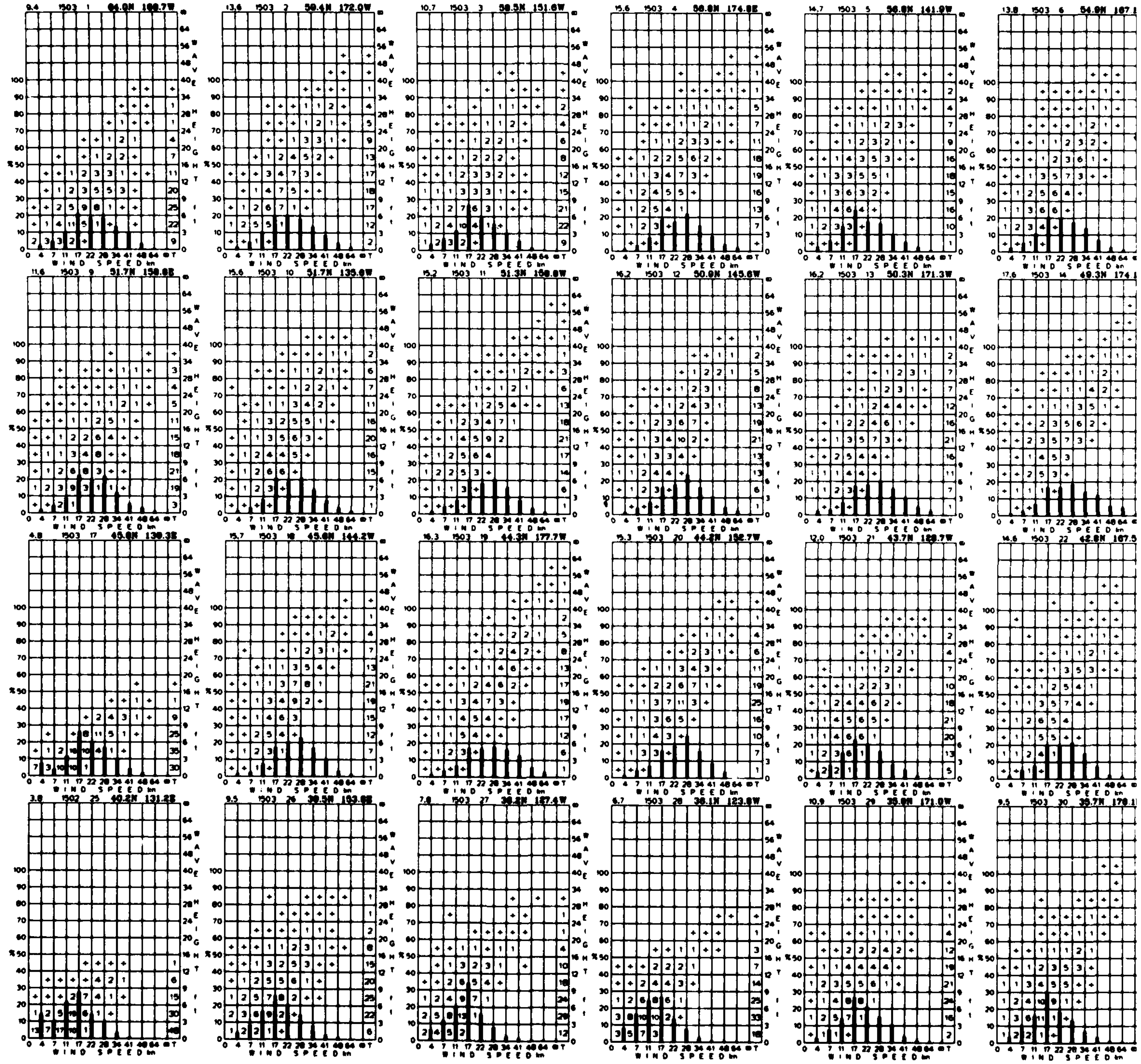
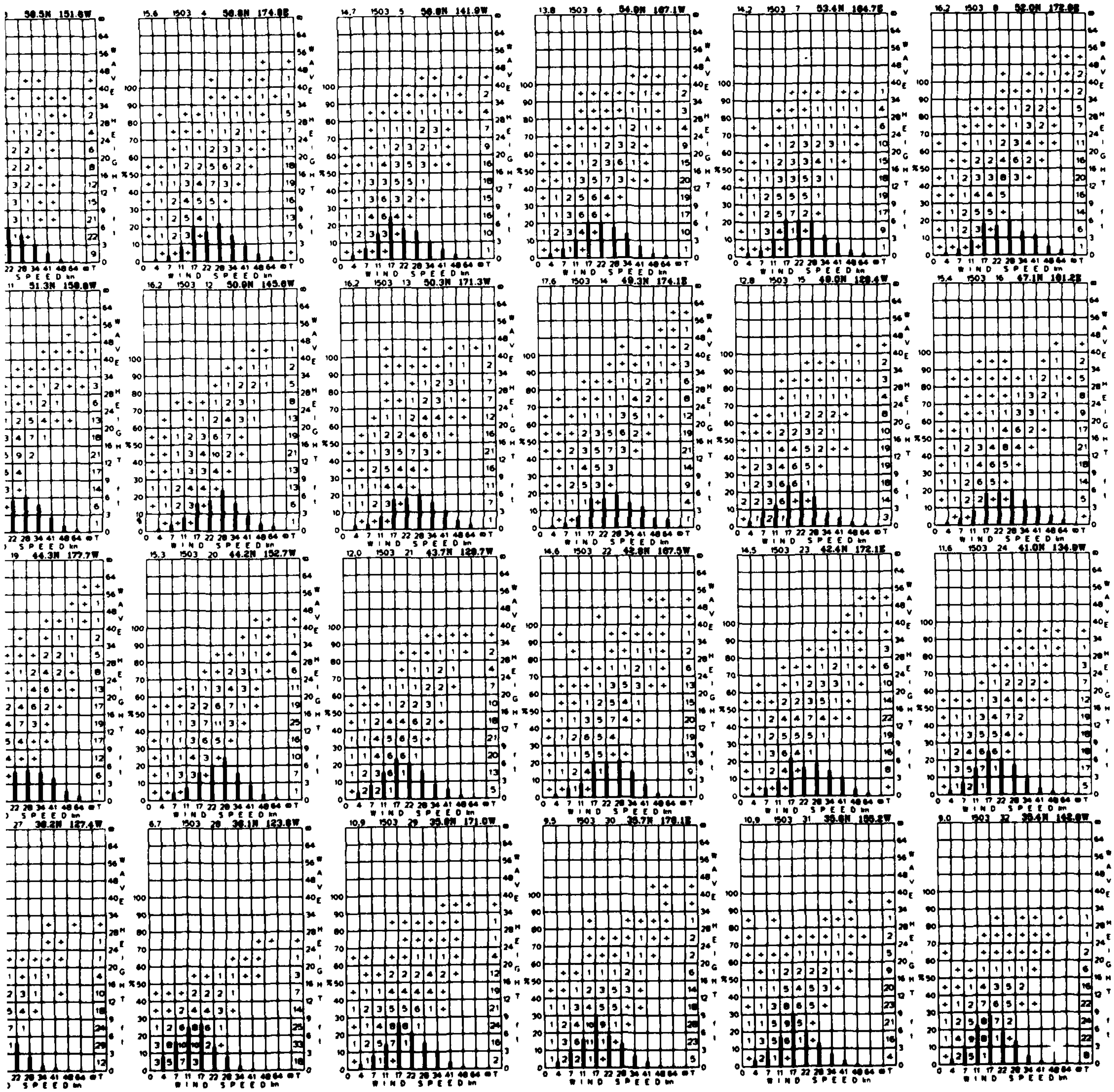


WAVE HEIGHT AND WIND SPEED



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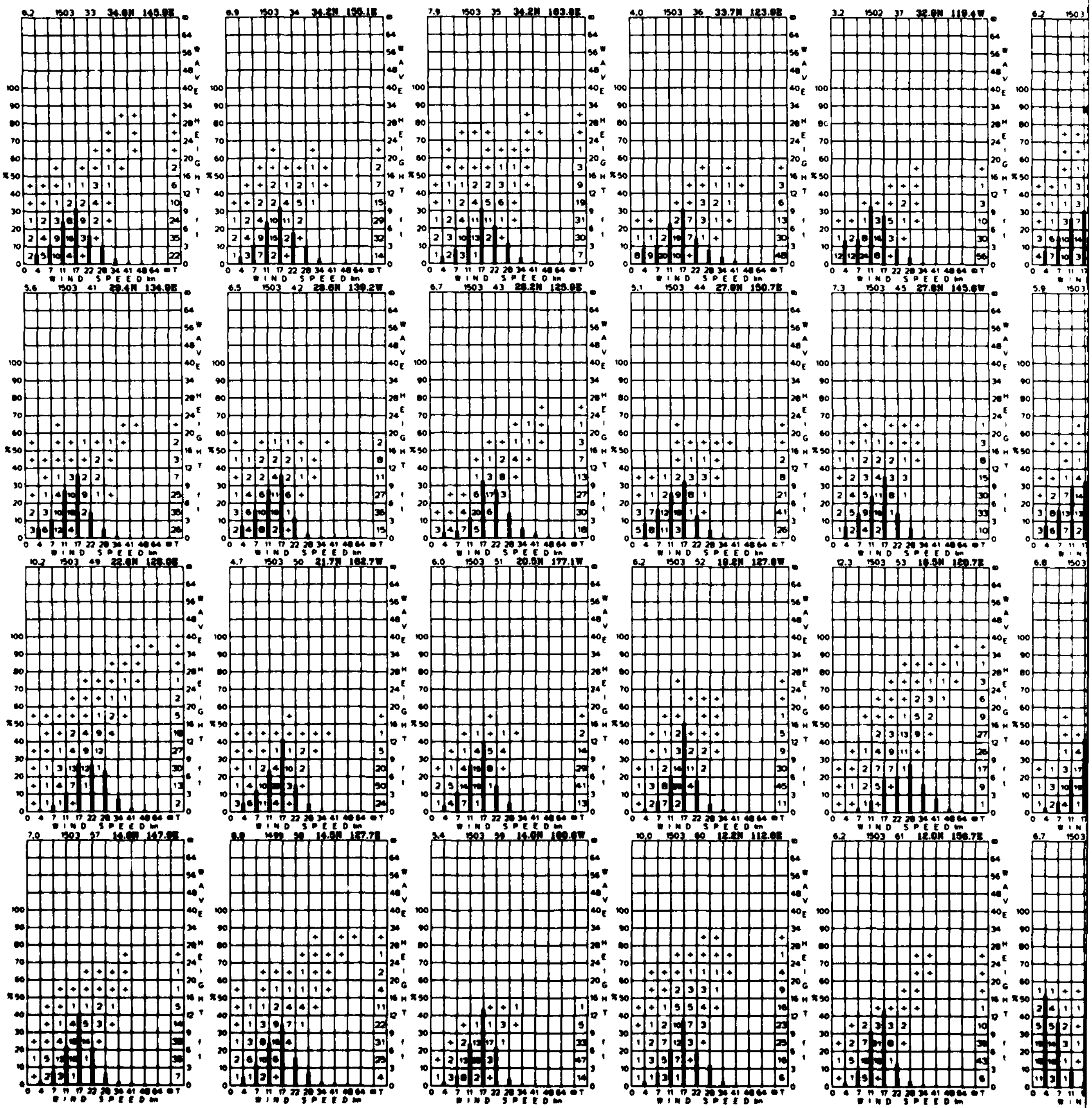
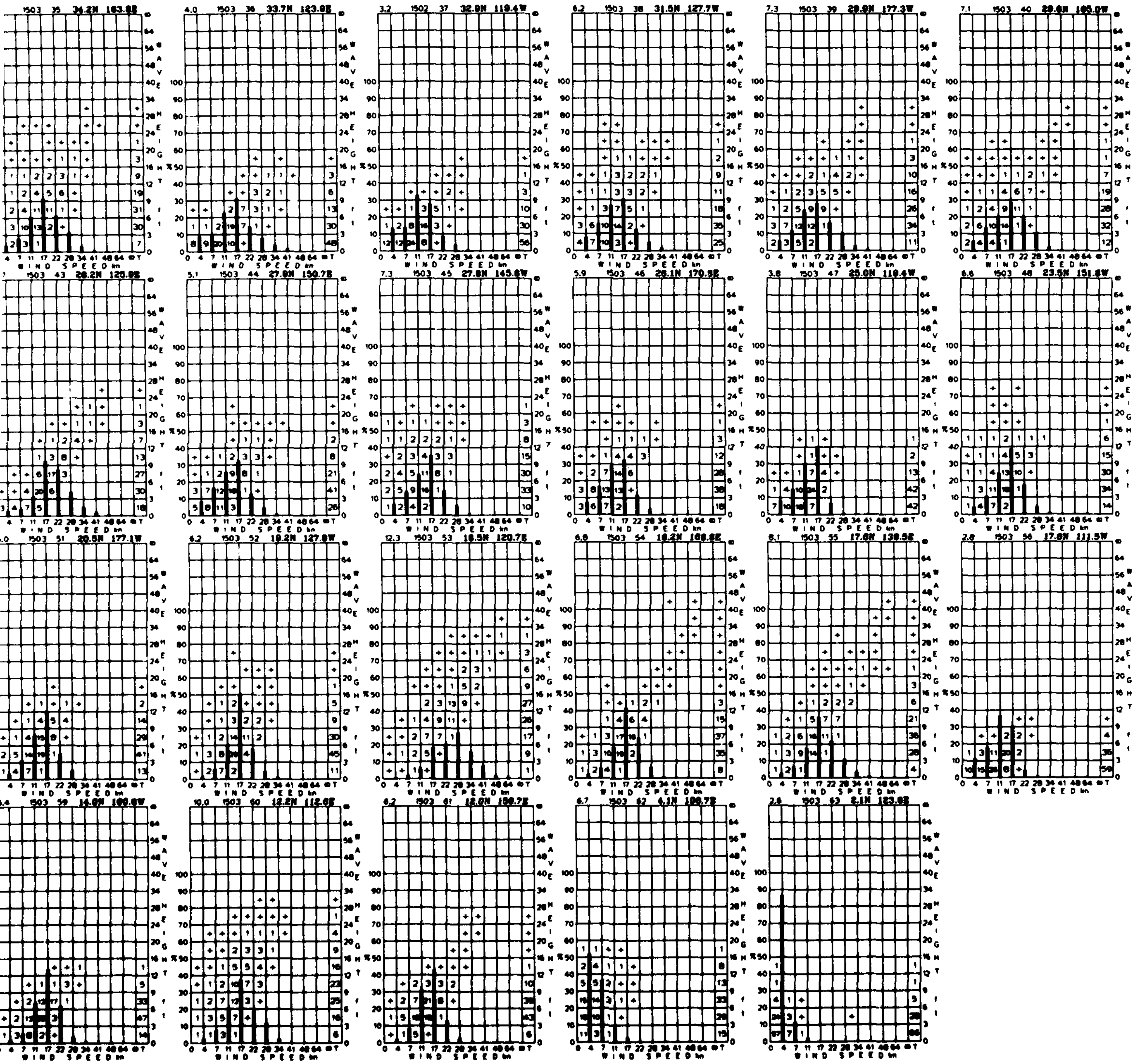


ND SPEED (Cont'd)   NOVEMBER



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DECEMBER

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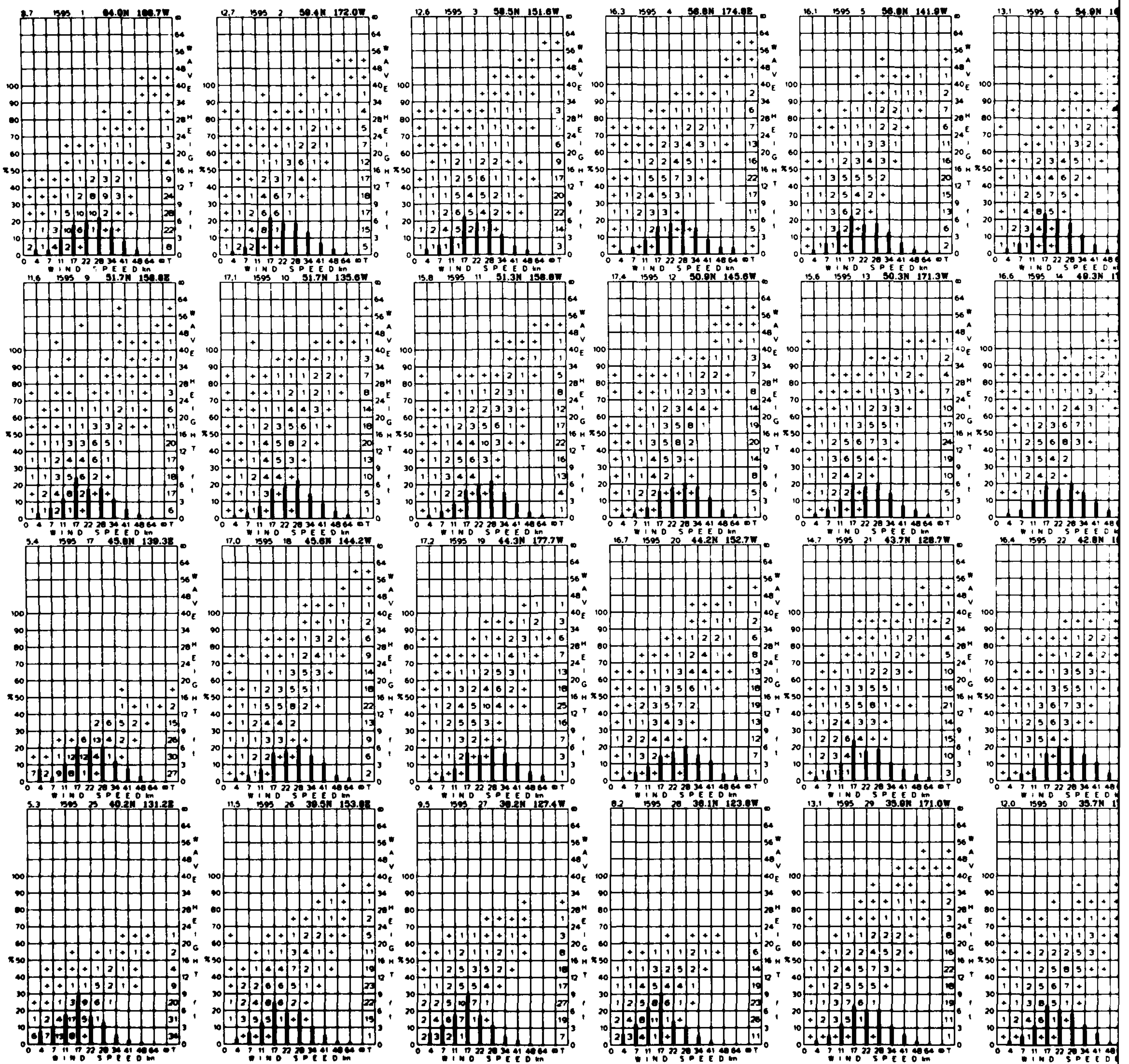

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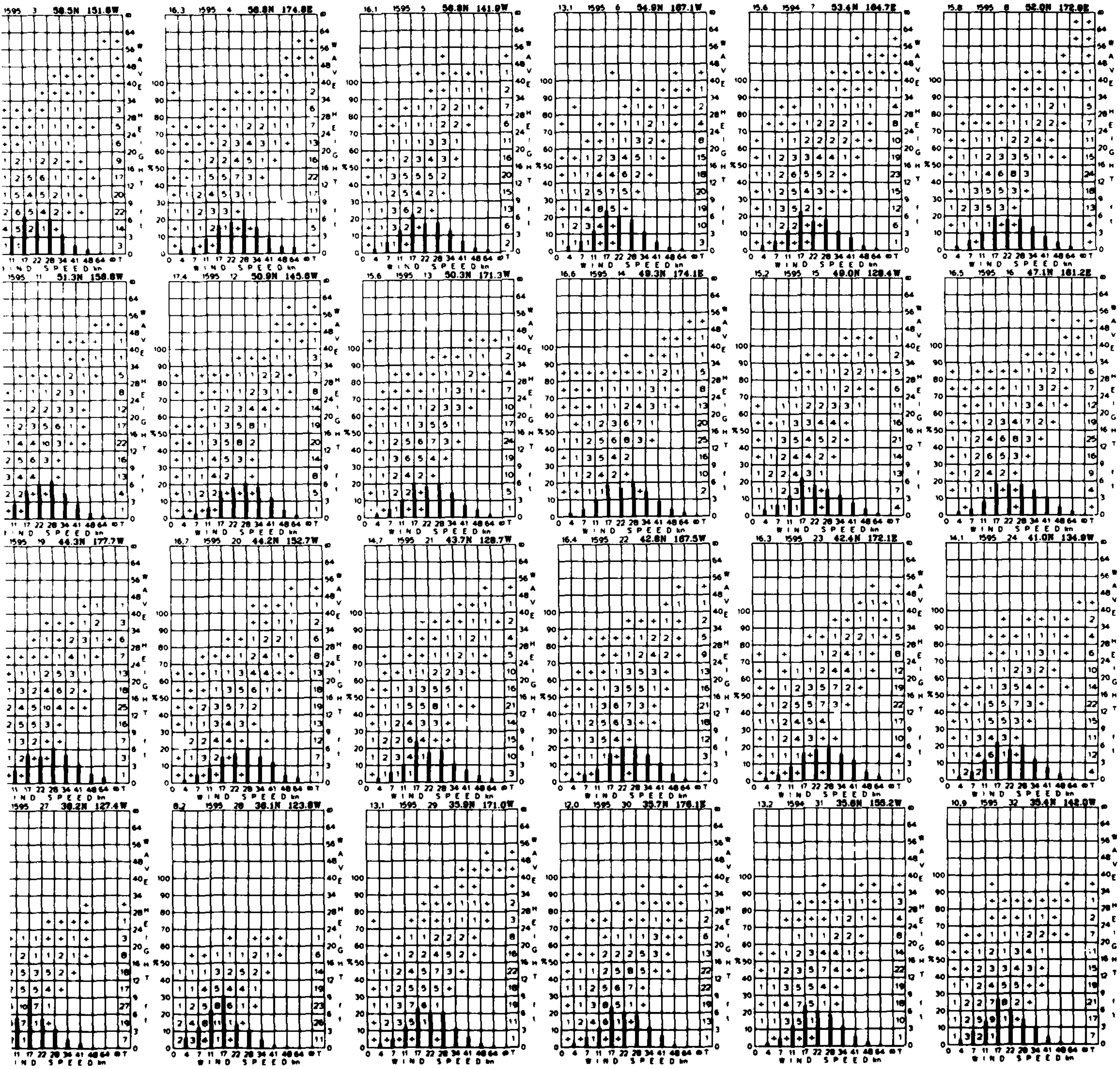

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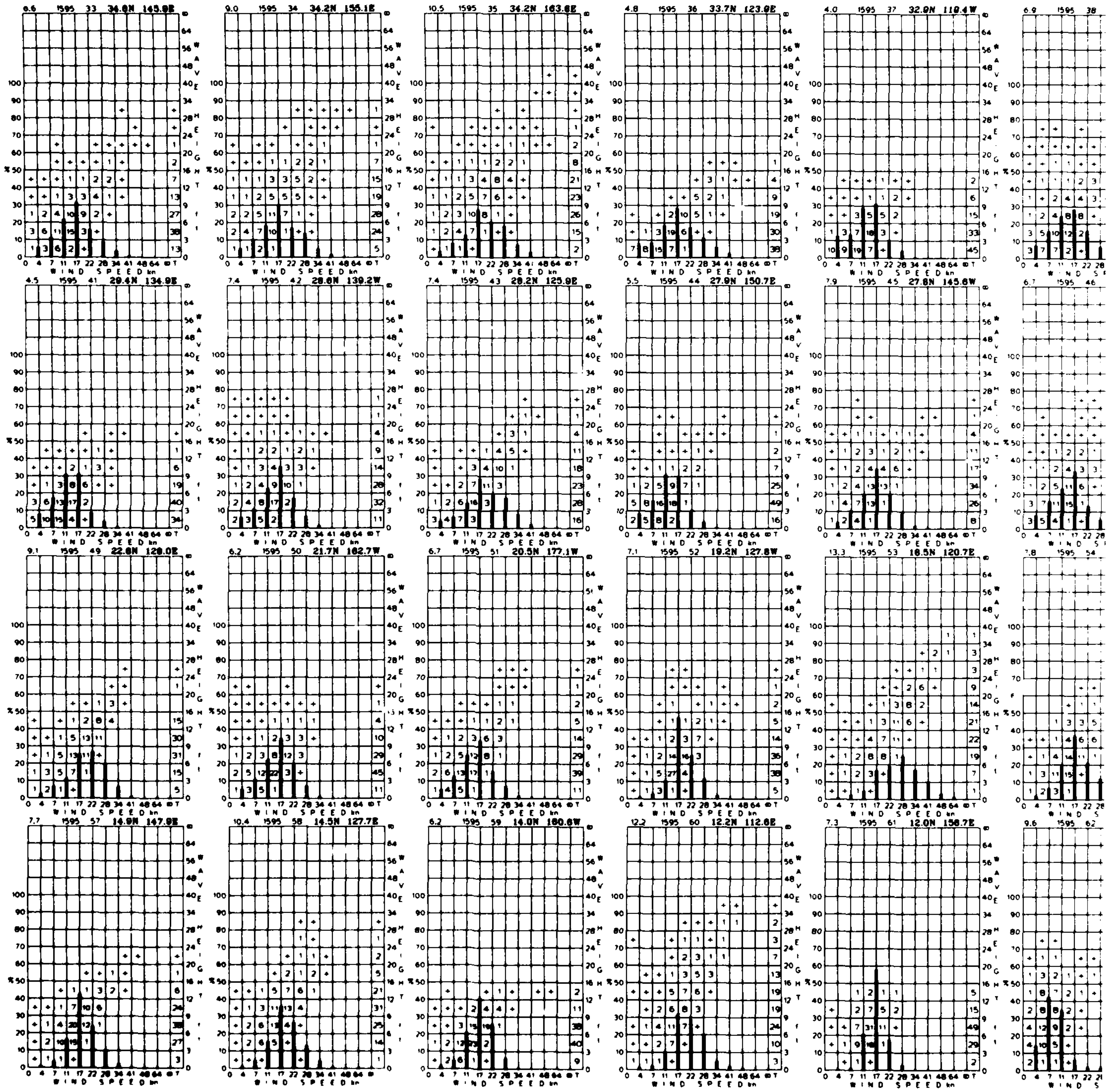

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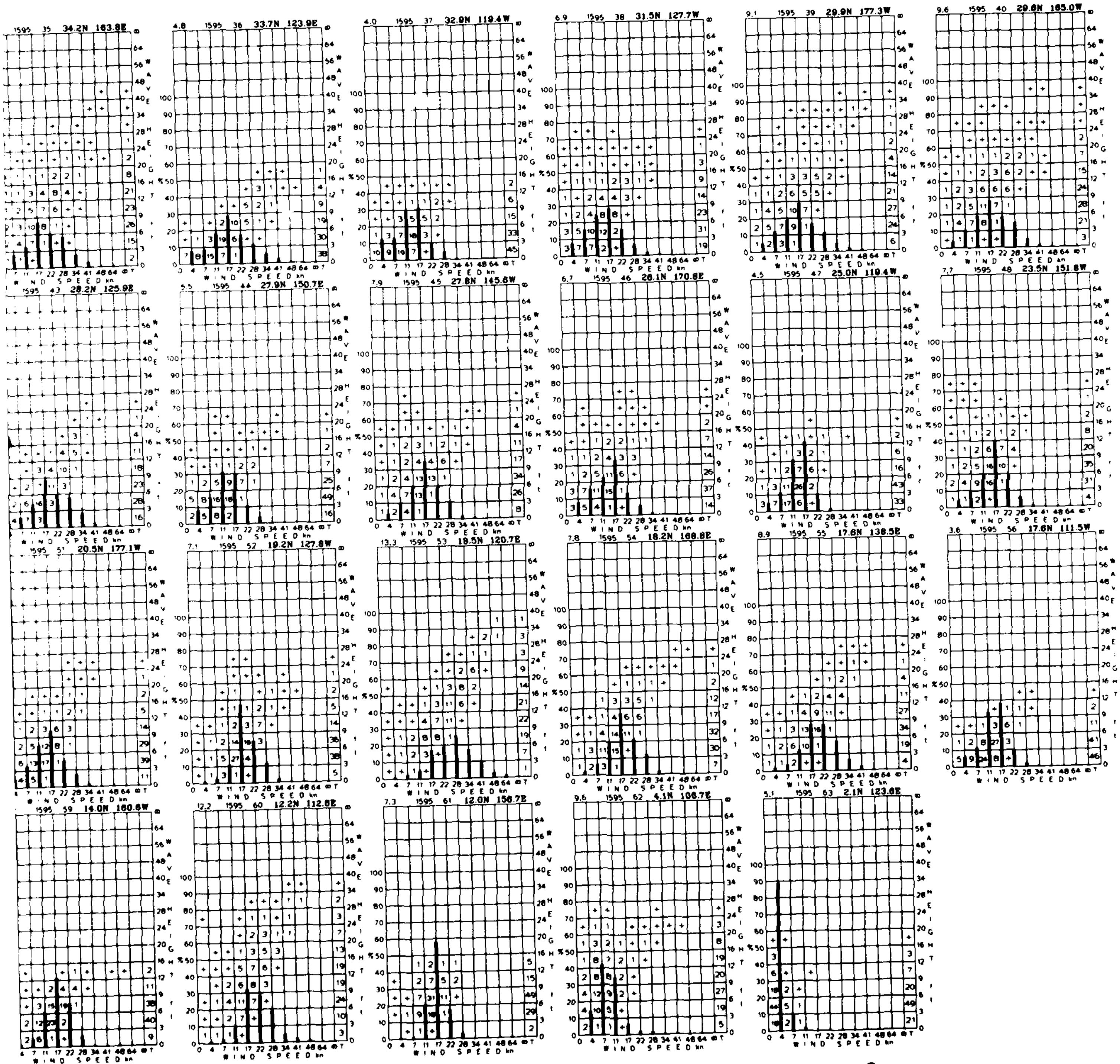

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9.1 1595 39 29.9N 177.3W
9.6 1595 40 29.8N 165.0W
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5.5 1595 44 27.9N 150.7E
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7.7 1595 48 23.5N 151.8W
1595 51 20.5N 177.1W
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13.3 1595 53 18.5N 120.7E
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8.9 1595 55 17.6N 138.5E
3.6 1595 56 17.6N 111.5W
1595 59 14.0N 160.6W
12.2 1595 60 12.2N 112.6E
7.3 1595 61 12.0N 156.7E
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WIND SPEED kn

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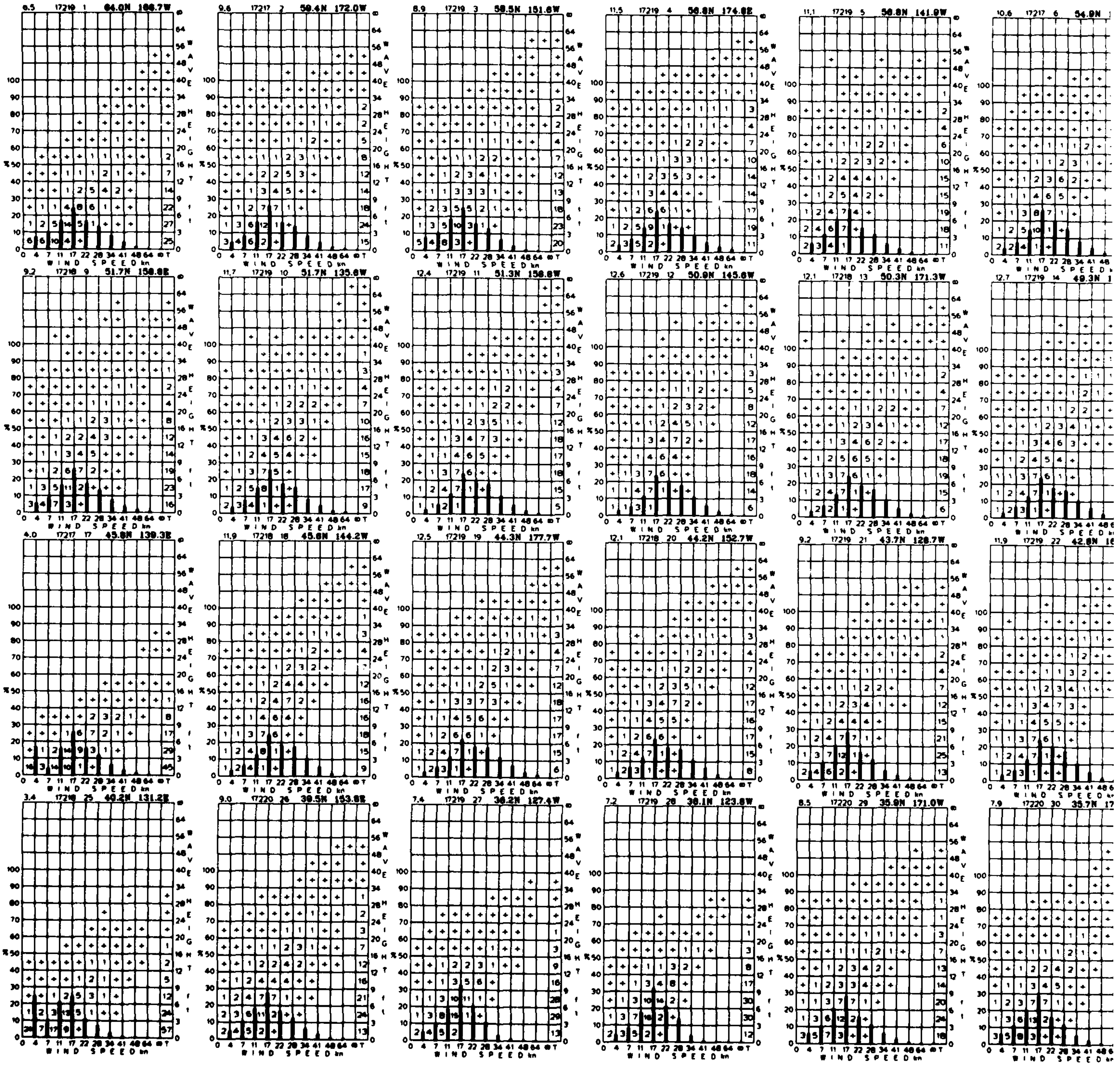
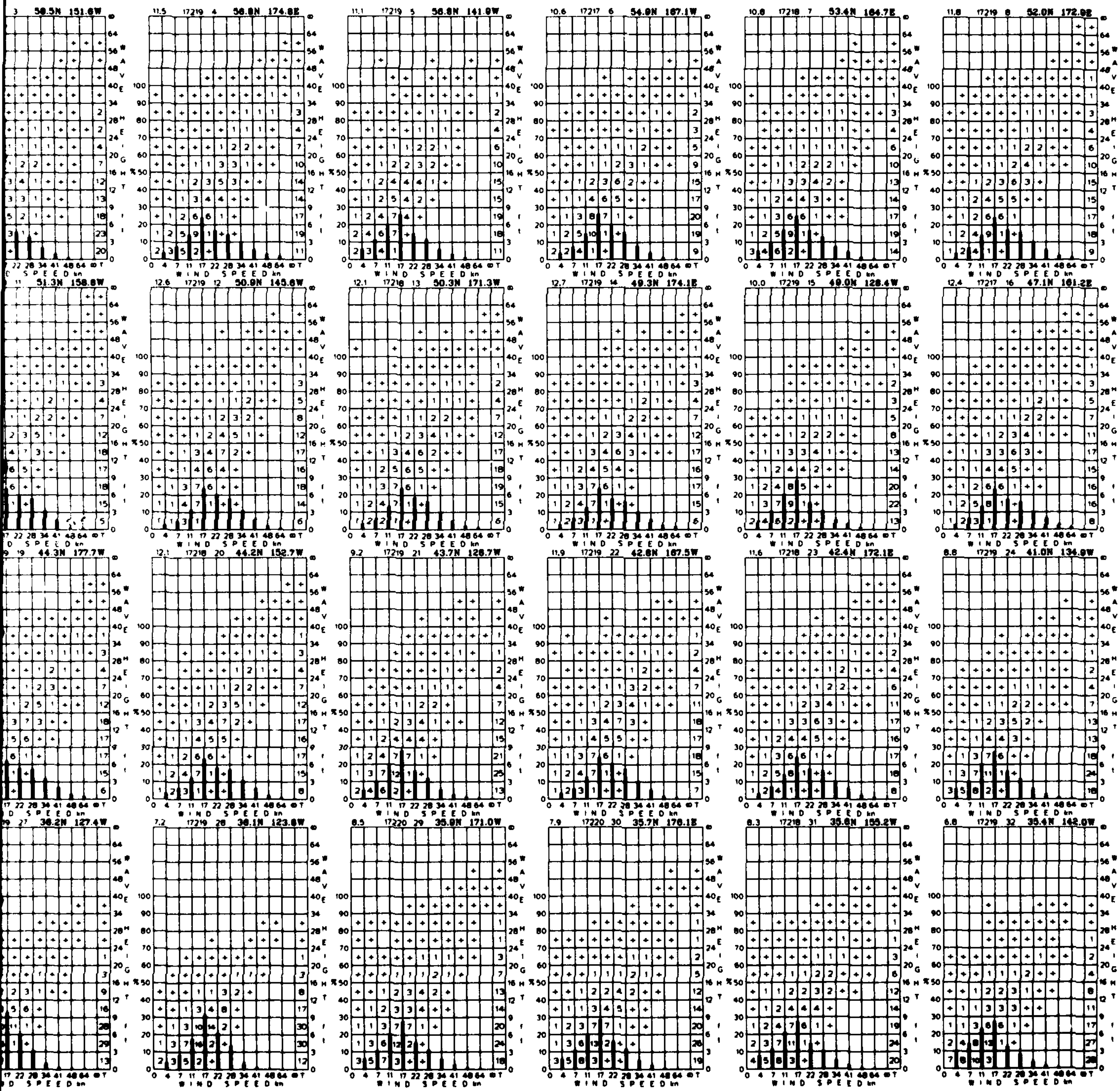
ANNUAL WAVE HEI



WAVE HEIGHT AND WIND SPEED



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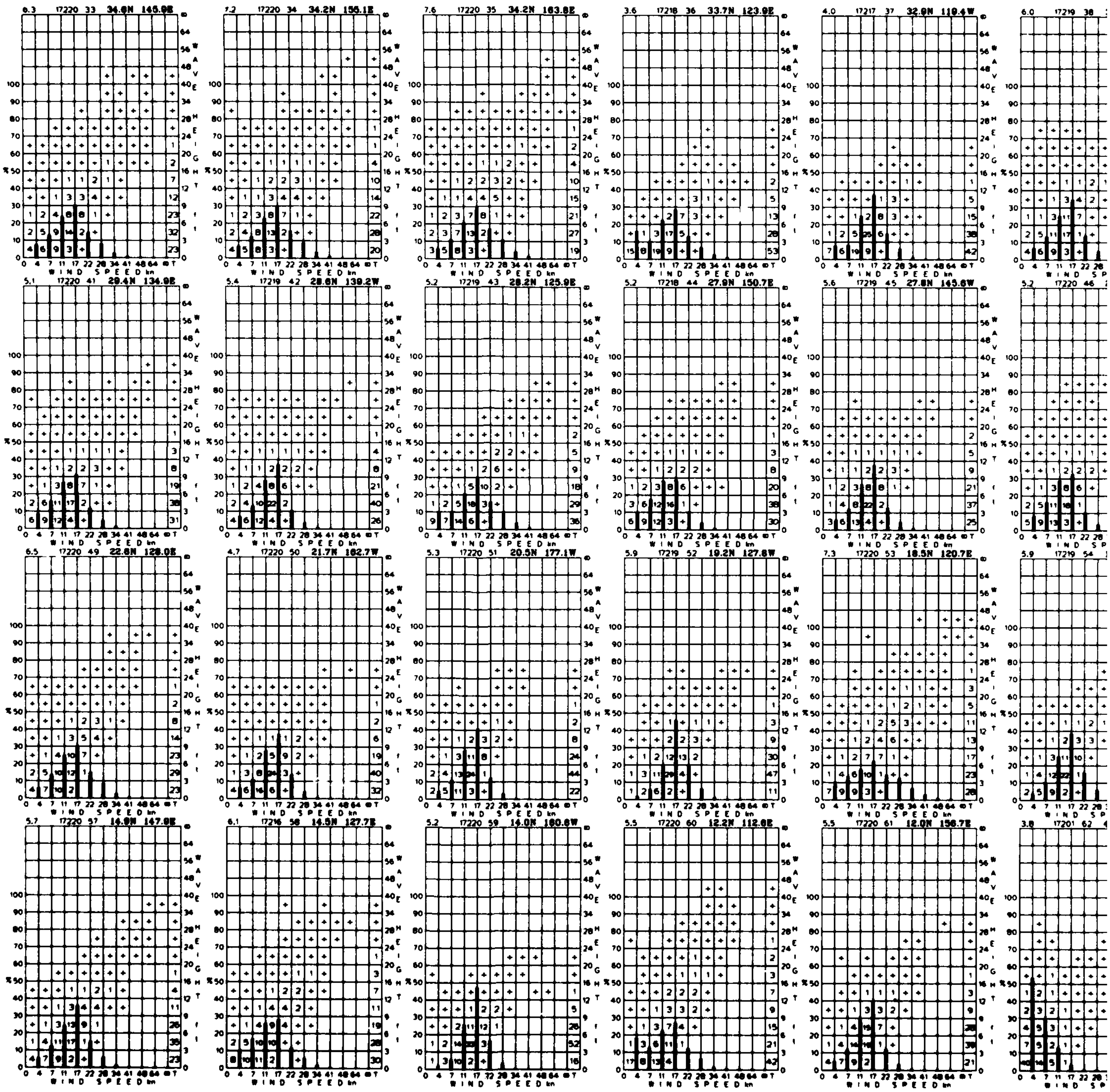
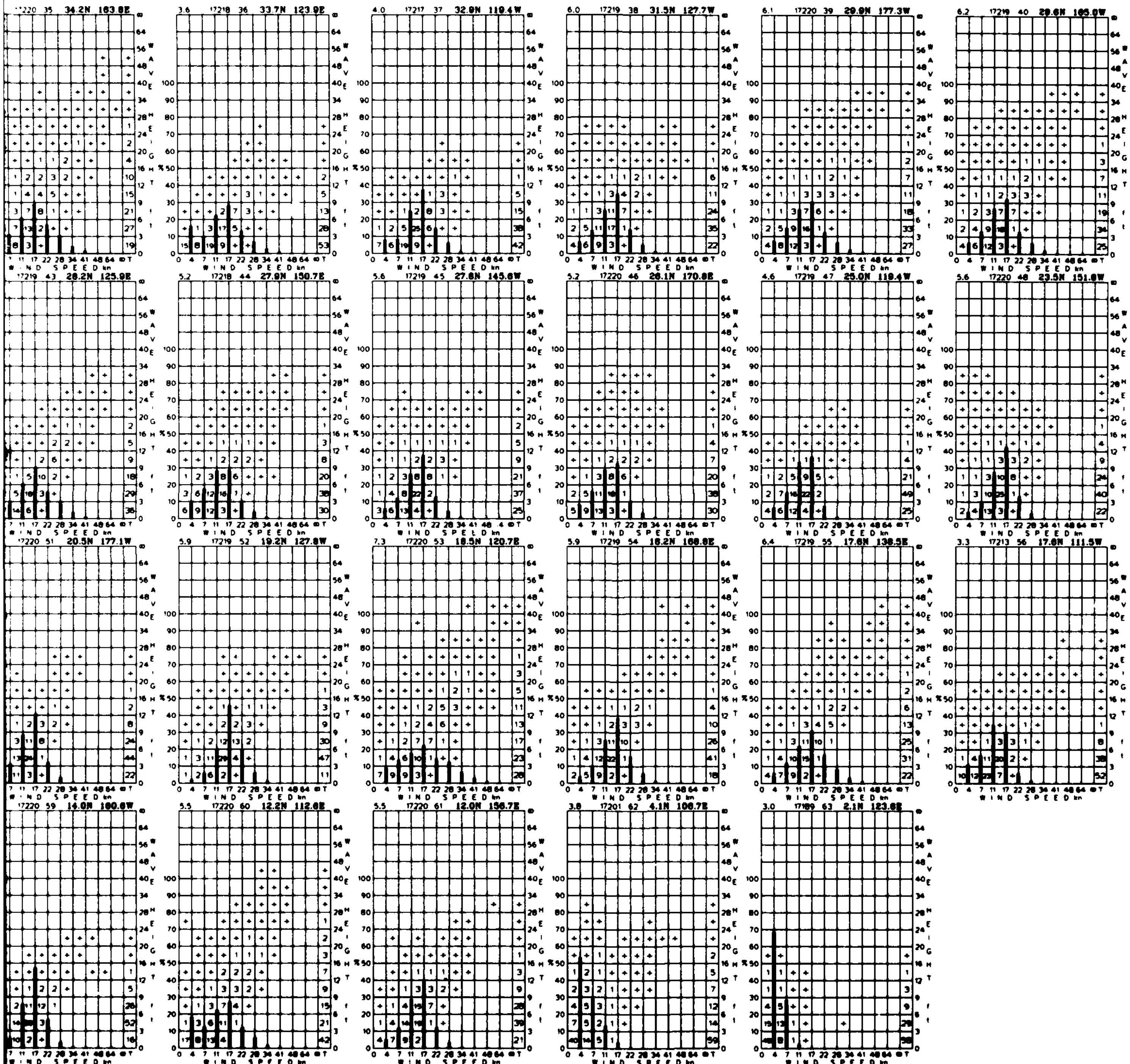
WAVE HEIGHT AND WIND SPEED (Cont'd)



ND SPEED (Cont'd)

ANNUAL



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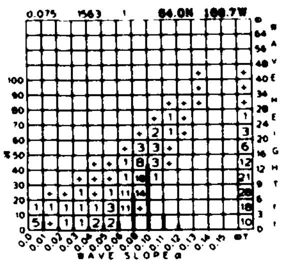
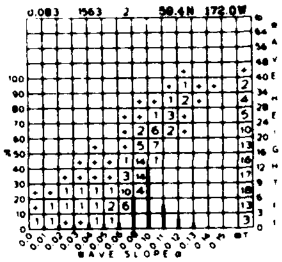
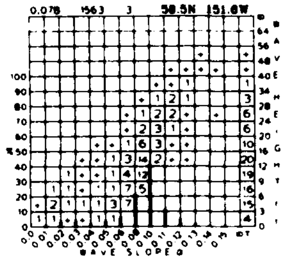
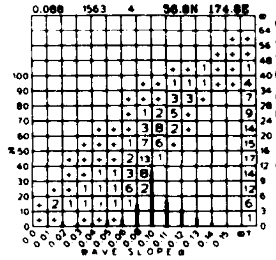
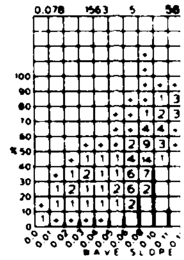
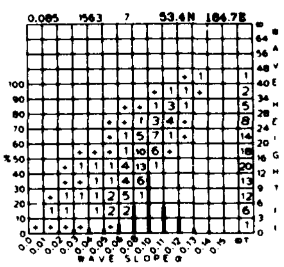
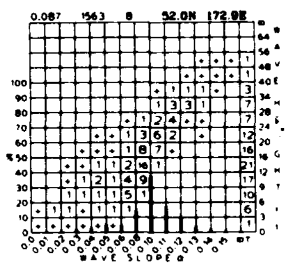
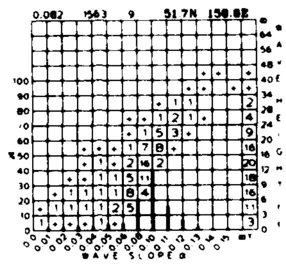
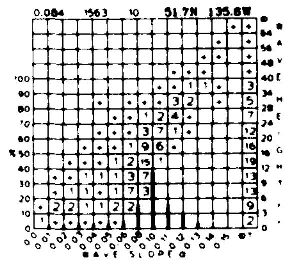
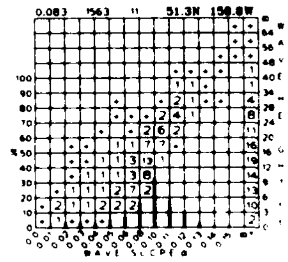
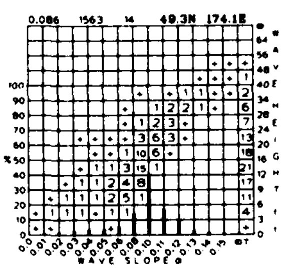
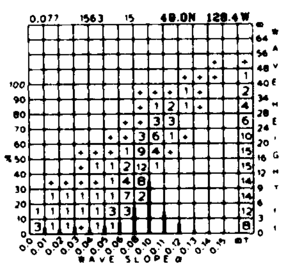
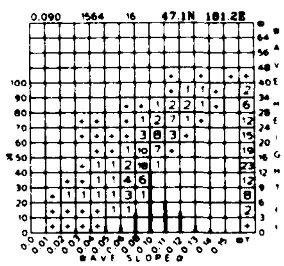
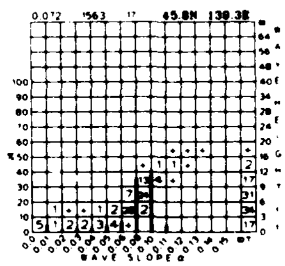
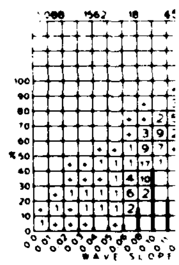
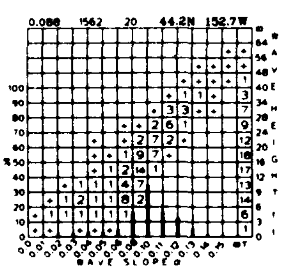
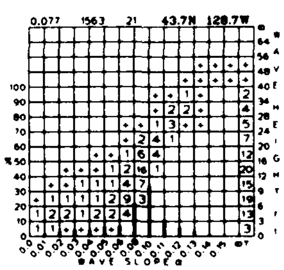
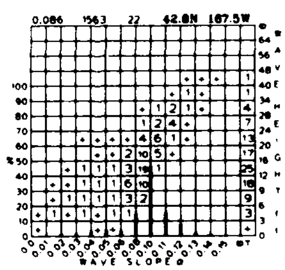
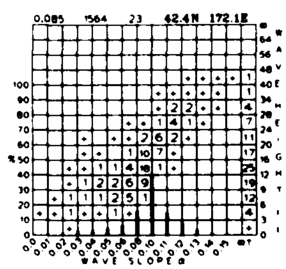
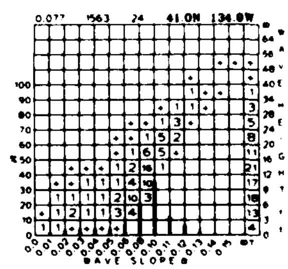
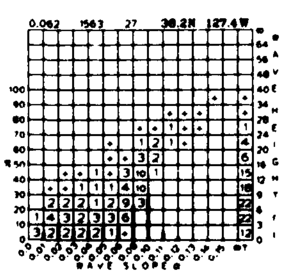
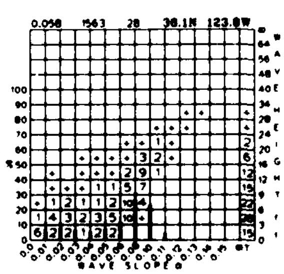
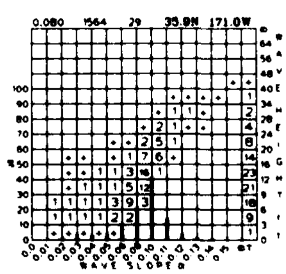
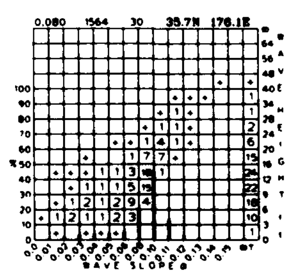
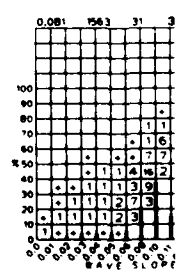
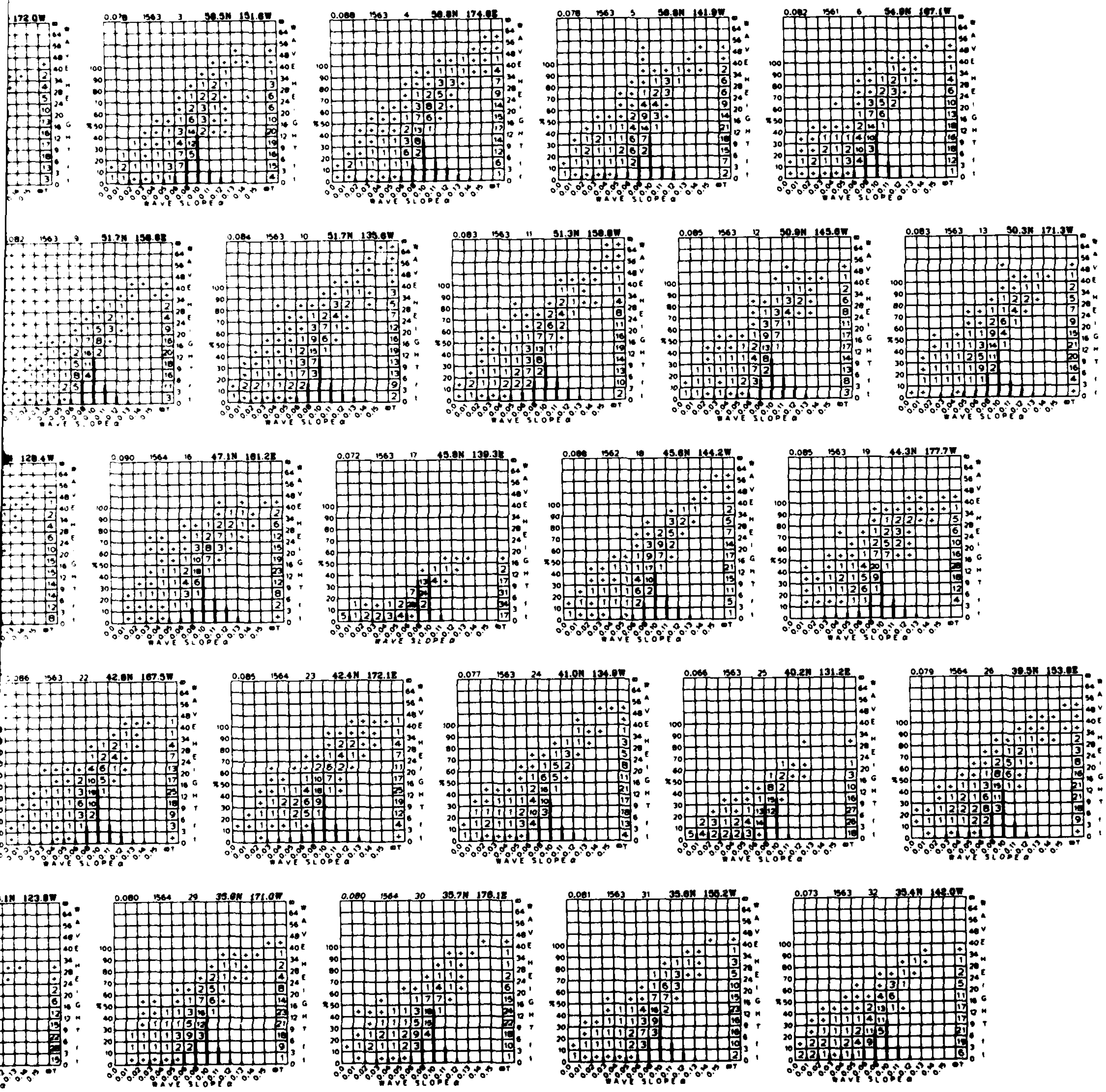
JANUARY

WAVE HEIGH

WAVE HEIGHT AND WAVE SLOPE (α)



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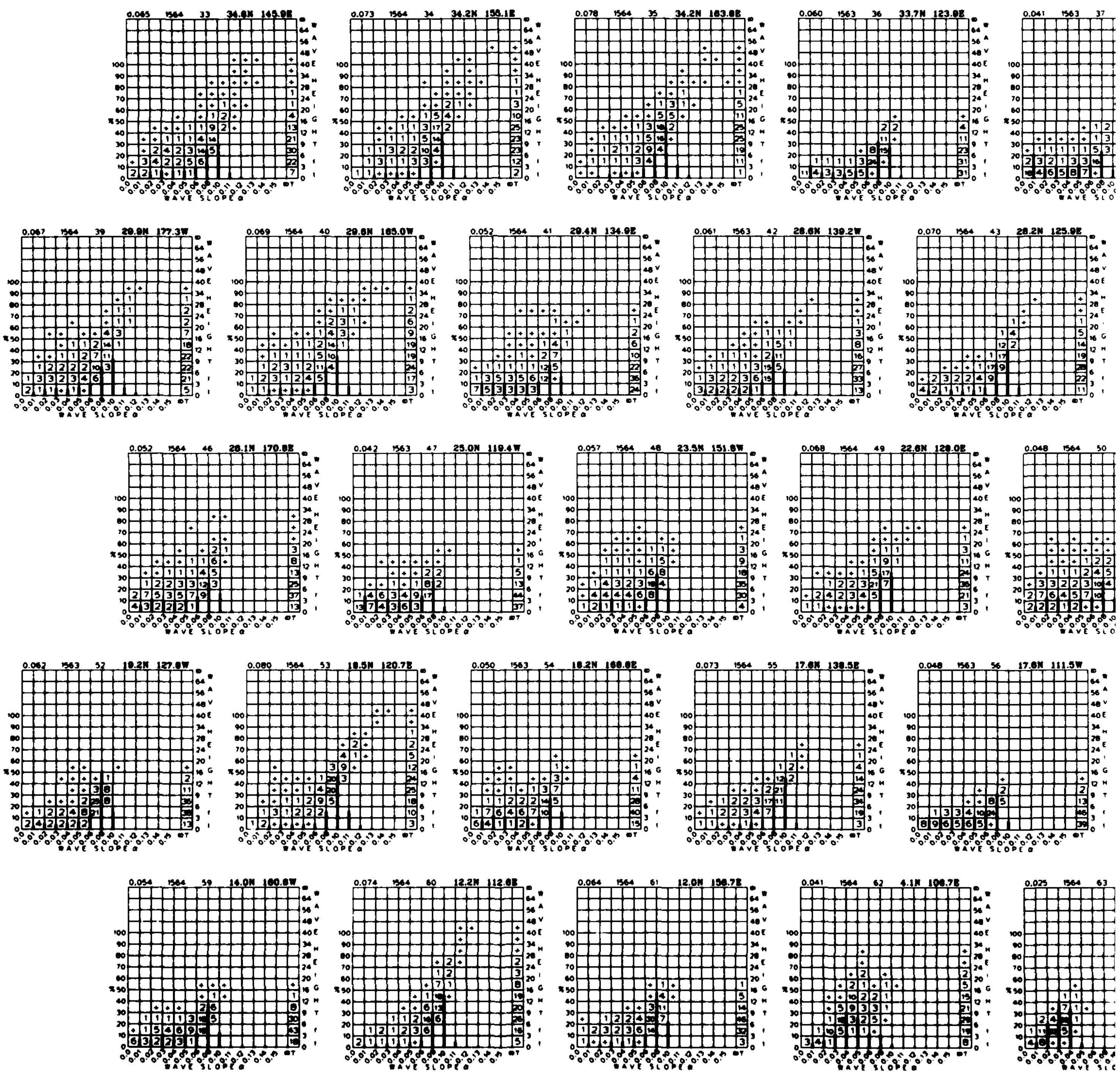
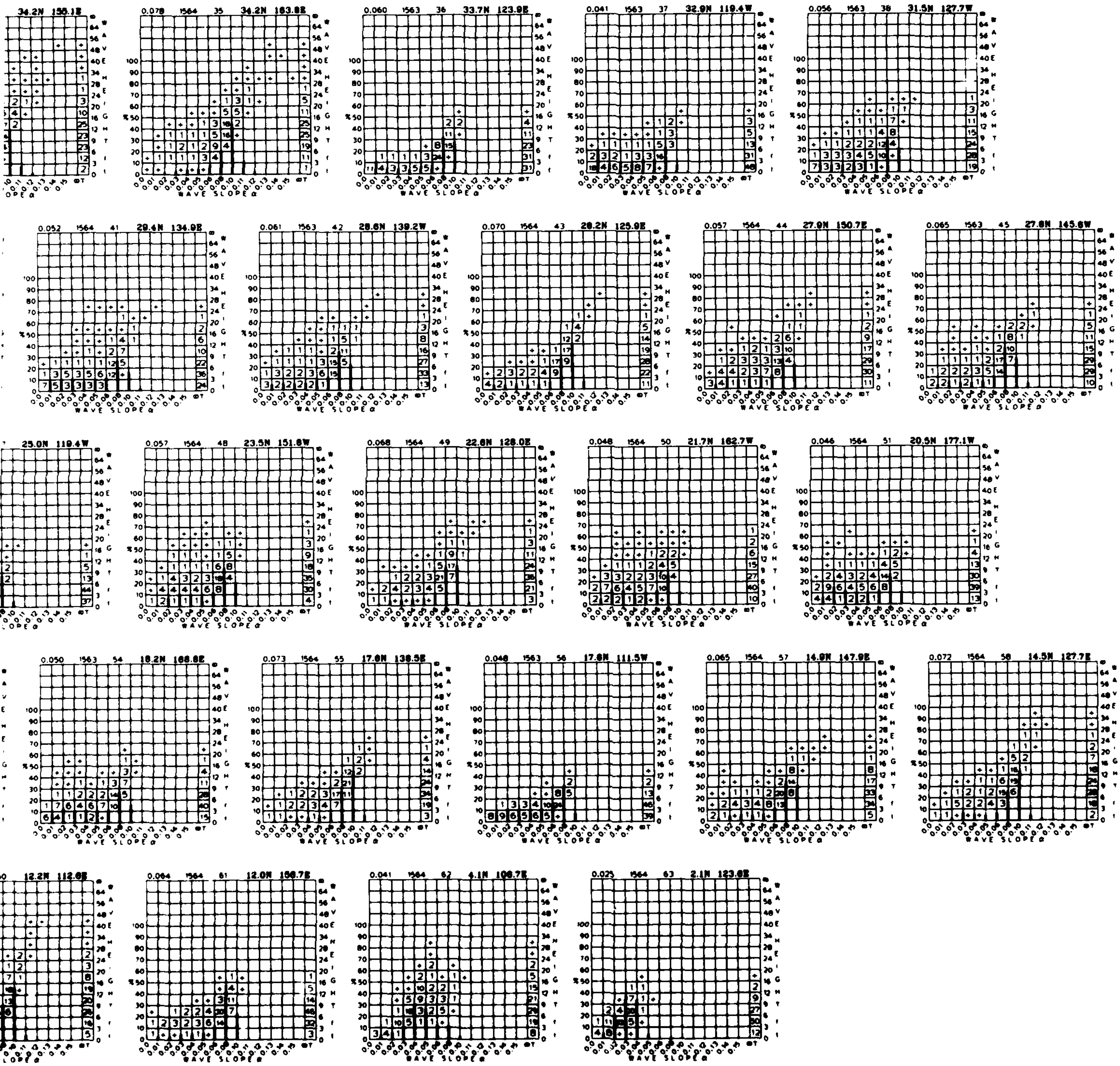
WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)



WAVE SLOPE (α) (Cont'd)   JANUARY



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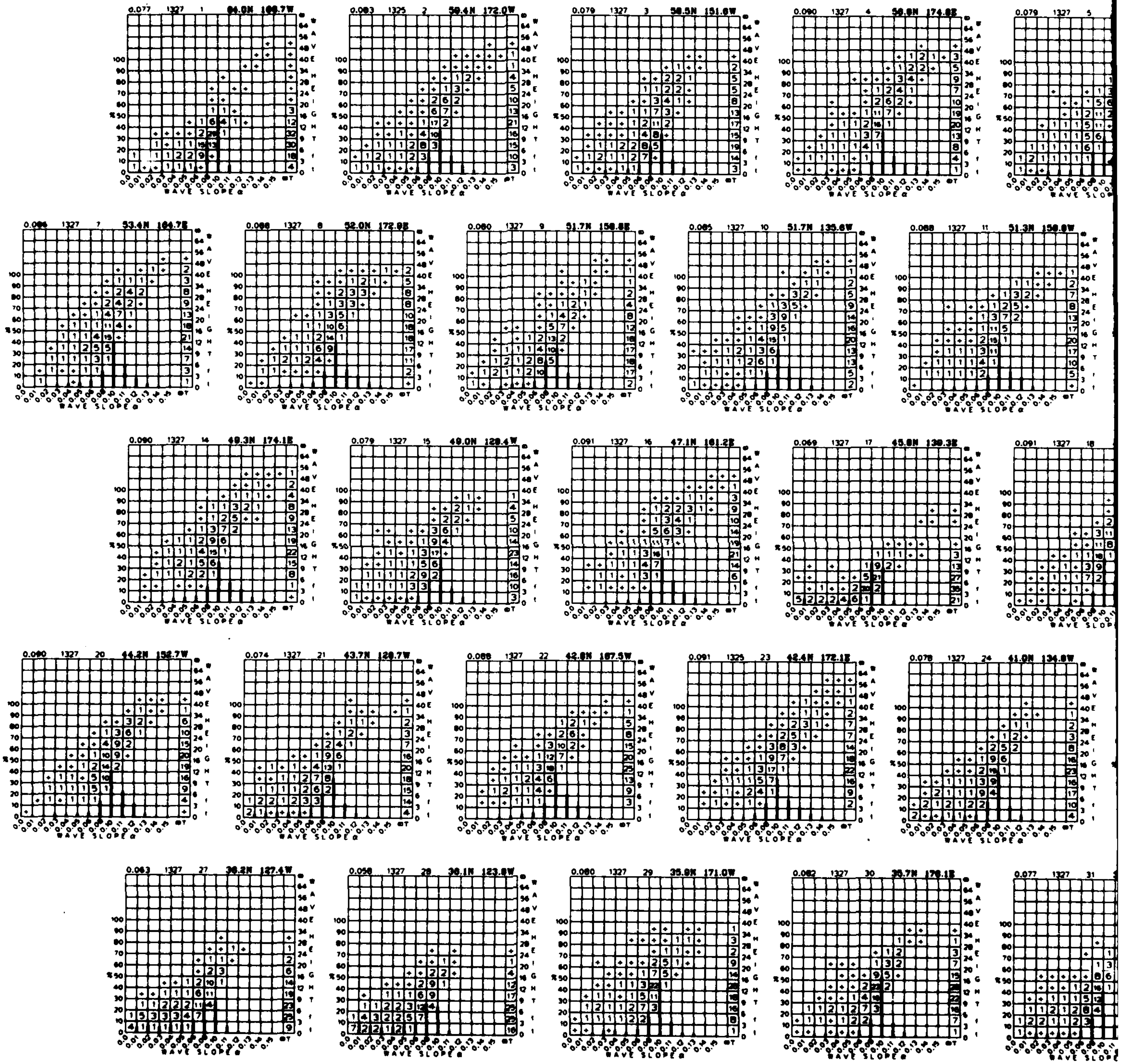
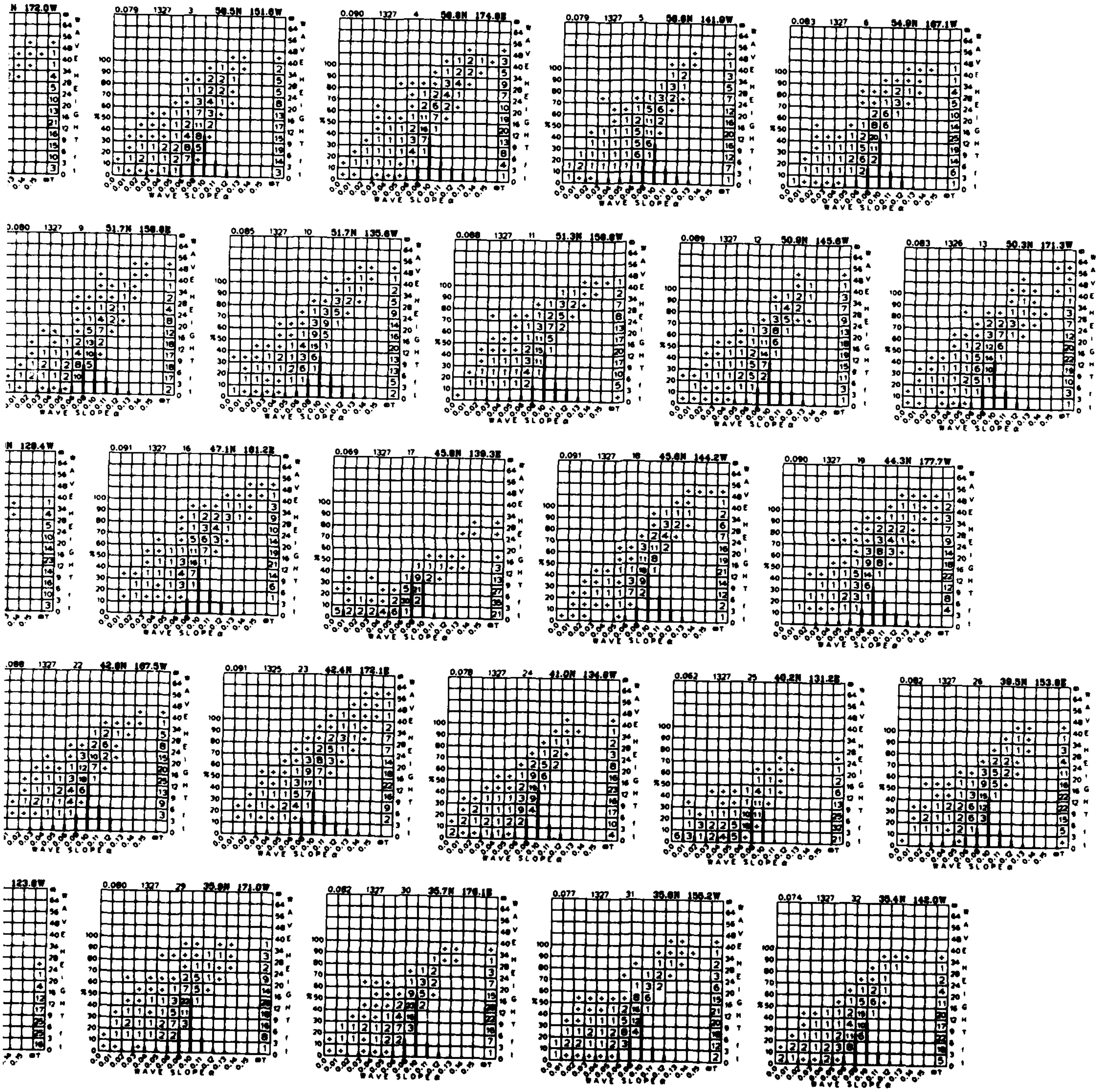
FEBRUARY

WAVE HEIG



WAVE HEIGHT AND WAVE SLOPE (α)



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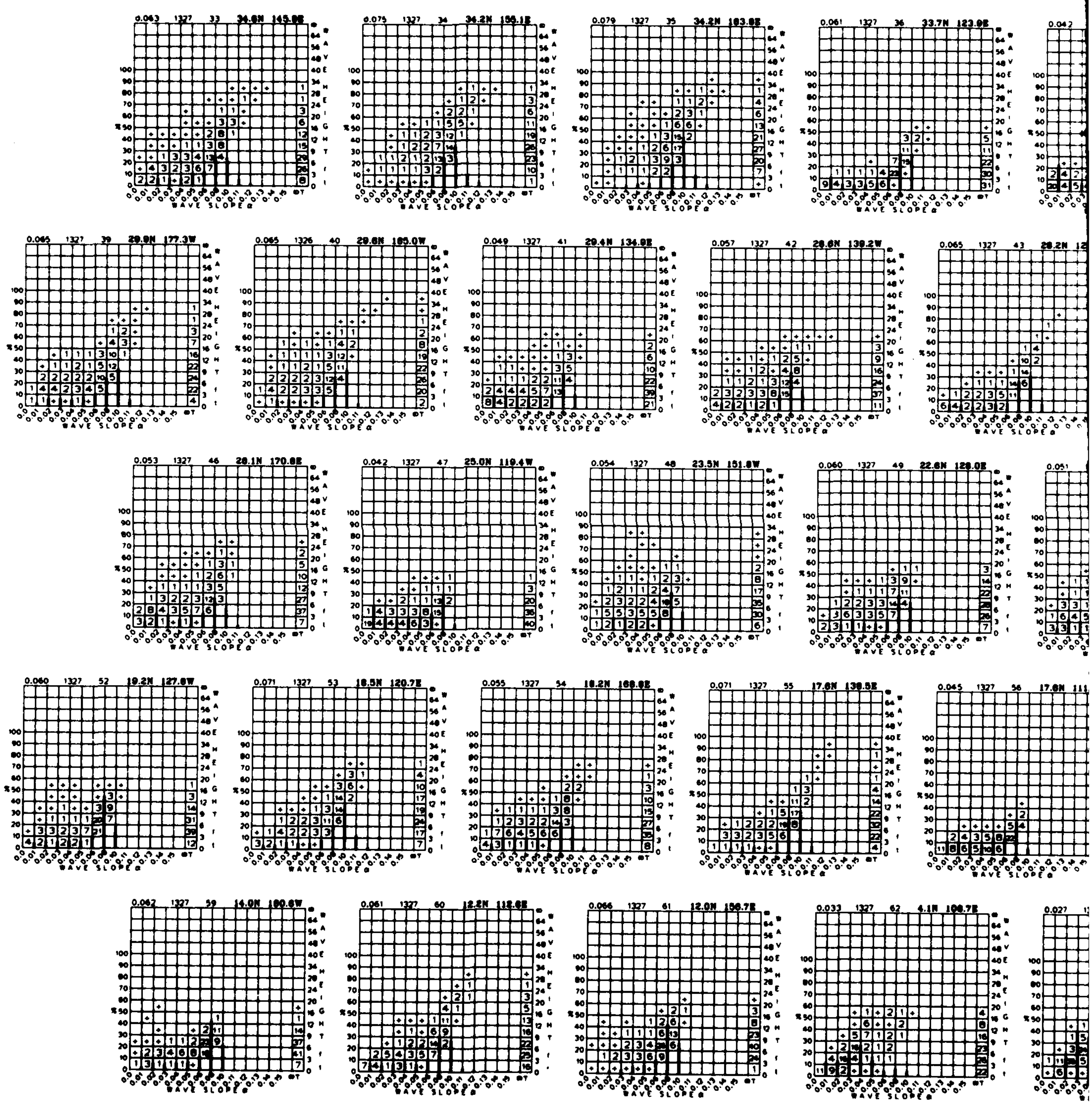
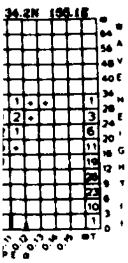
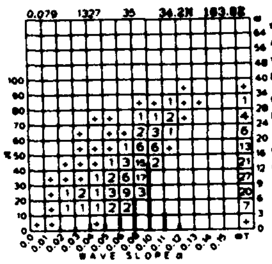
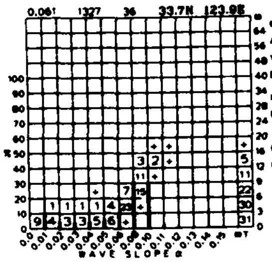
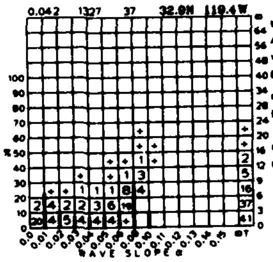
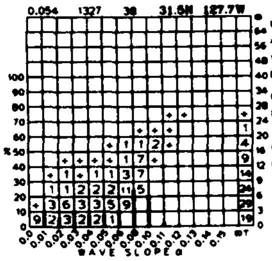
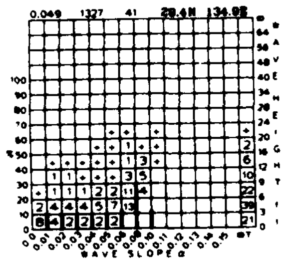
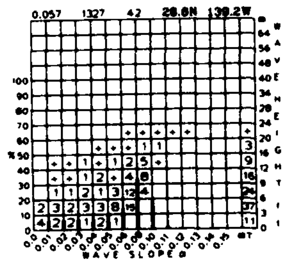
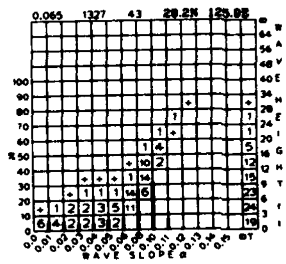
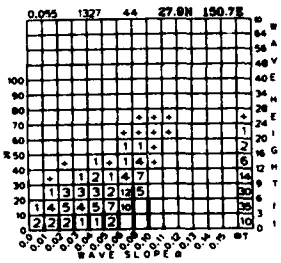
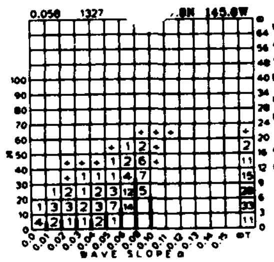
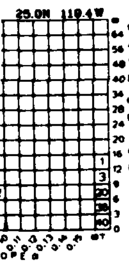
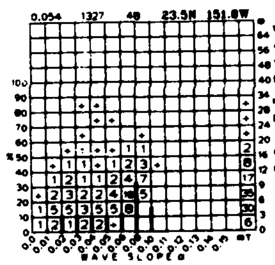
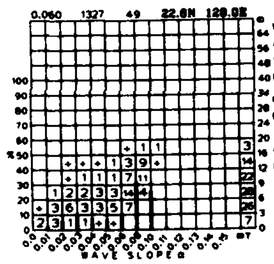
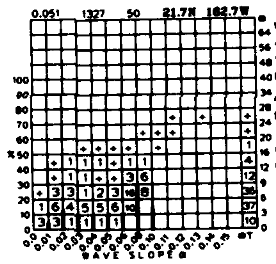
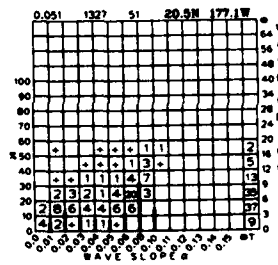
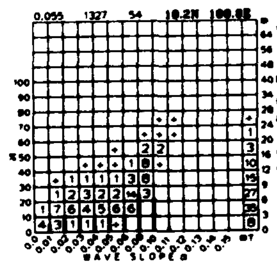
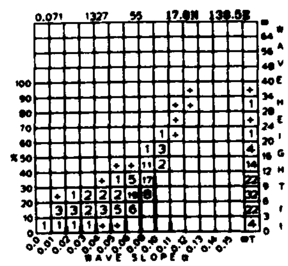
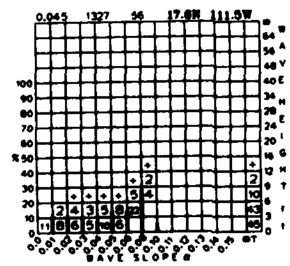
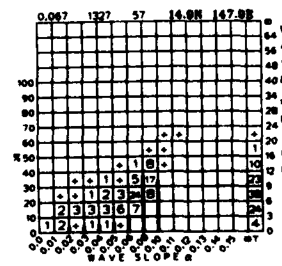
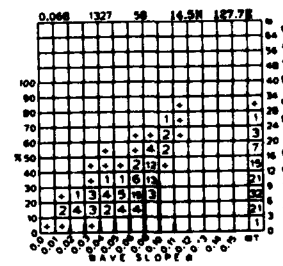
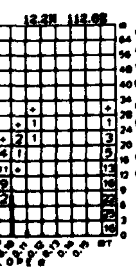
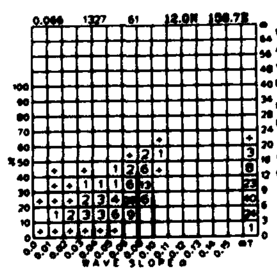
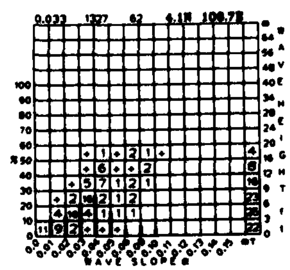
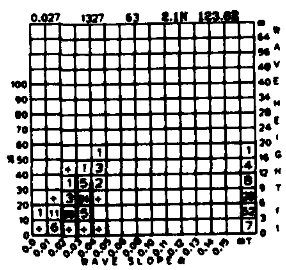
WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)



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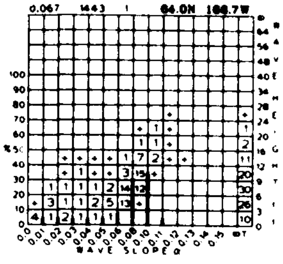
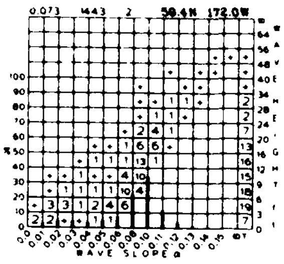
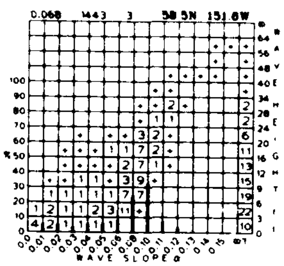
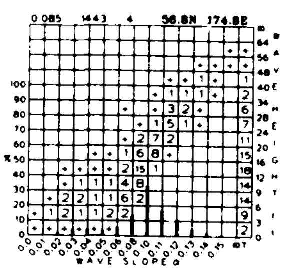
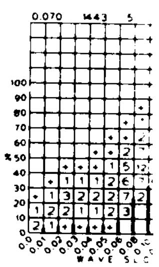
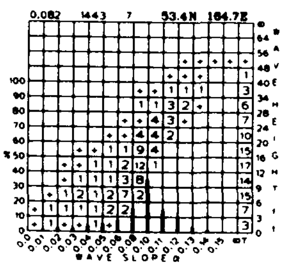


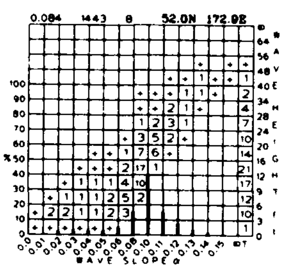


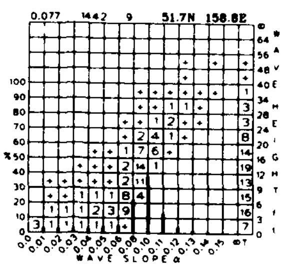


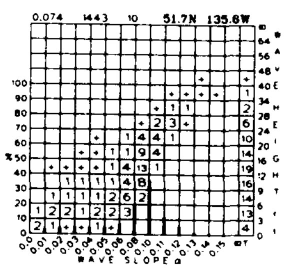


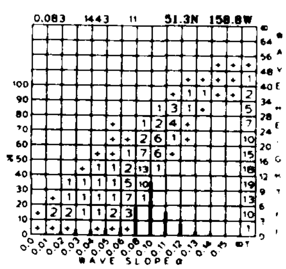


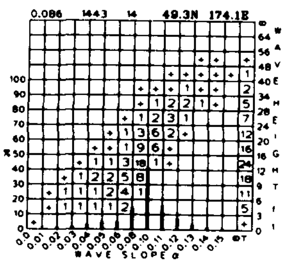


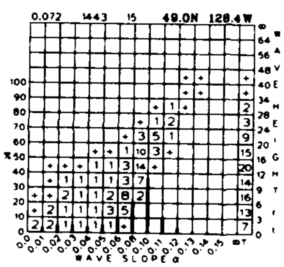


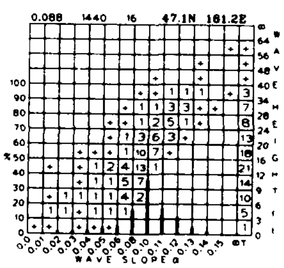


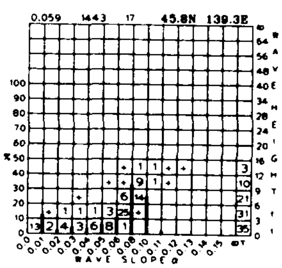


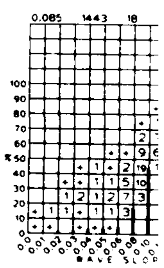


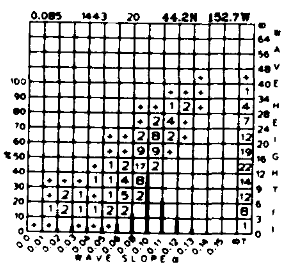


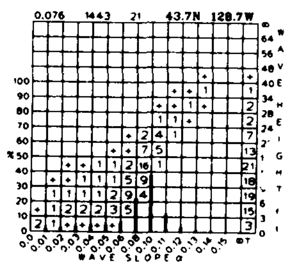


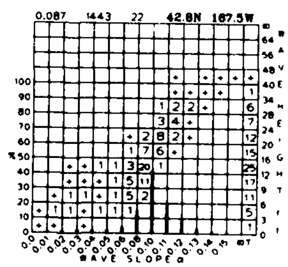


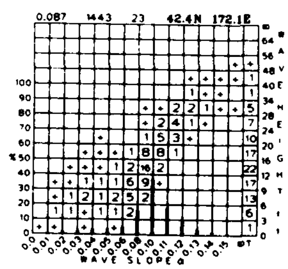


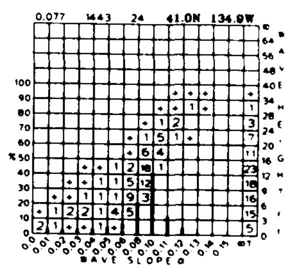


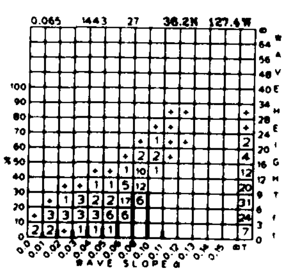


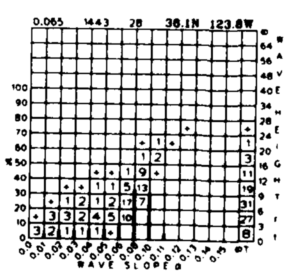


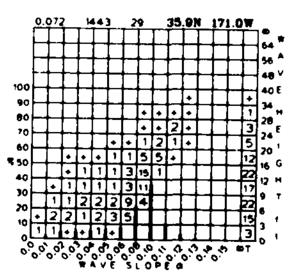


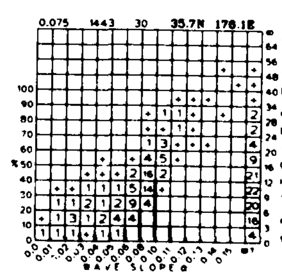


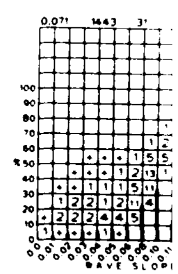




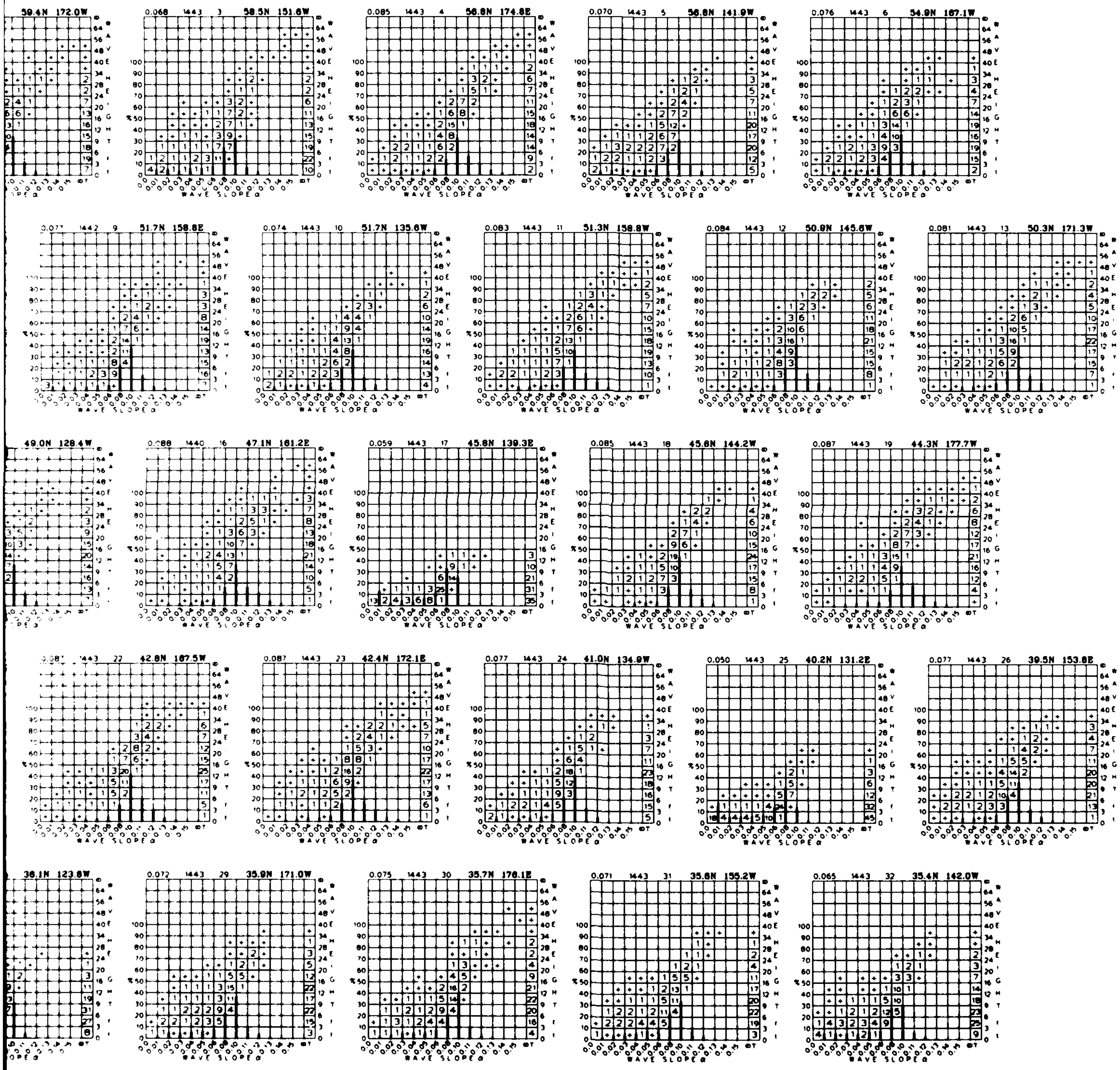








WAVE HEIGHT AND WAVE SLOPE (α)



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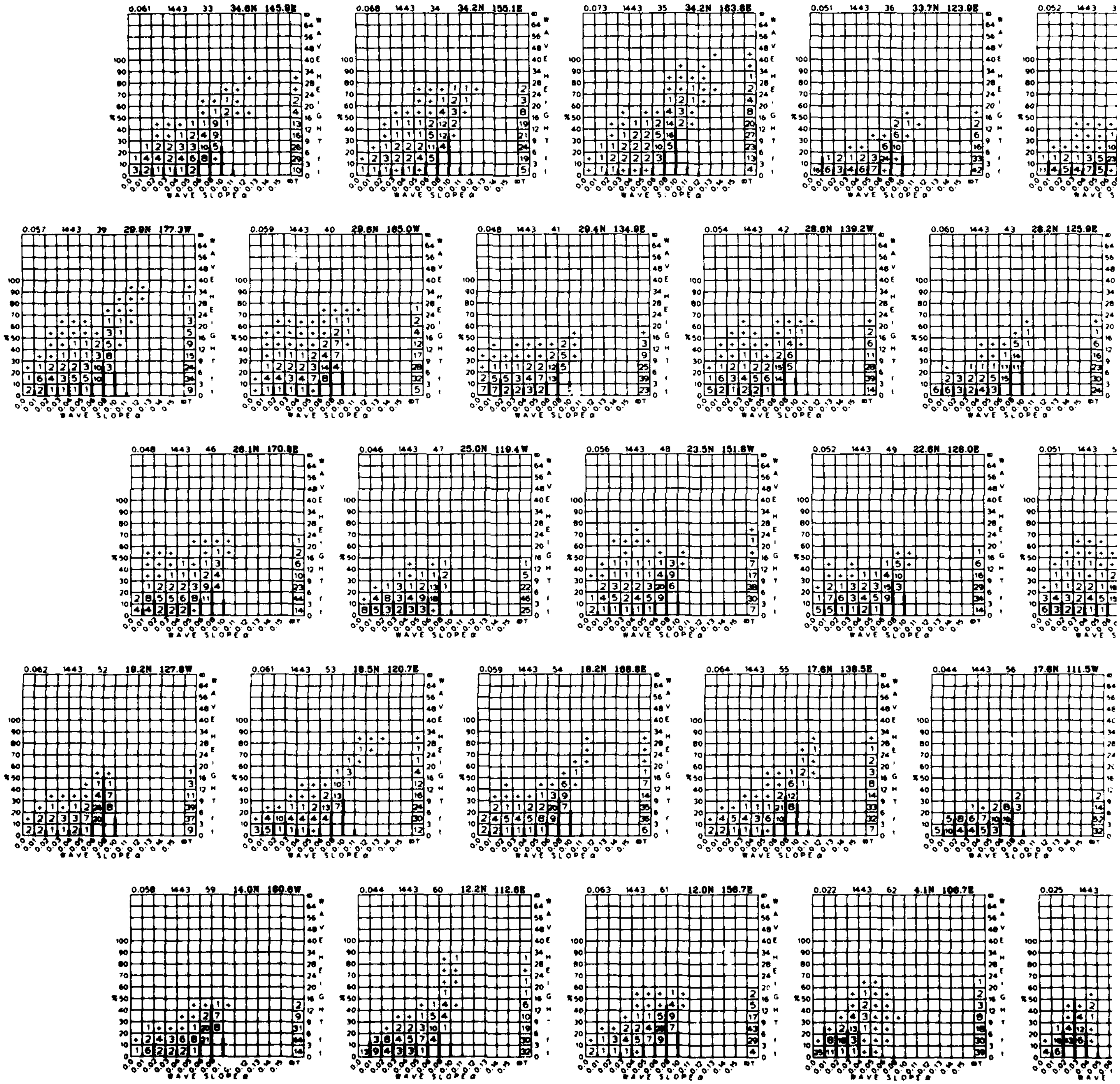
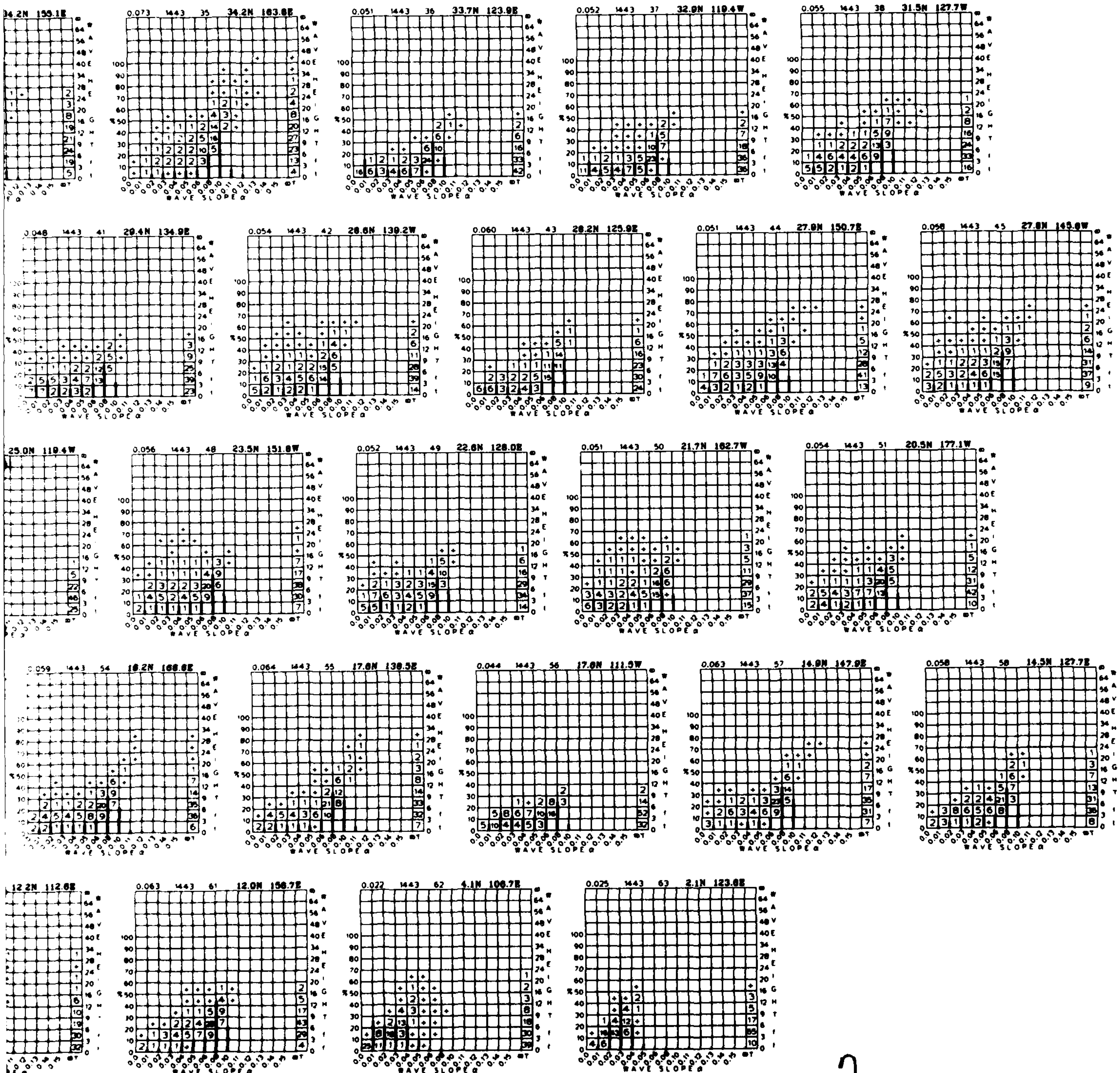


VE SLOPE (α) (Cont'd)

MARCH



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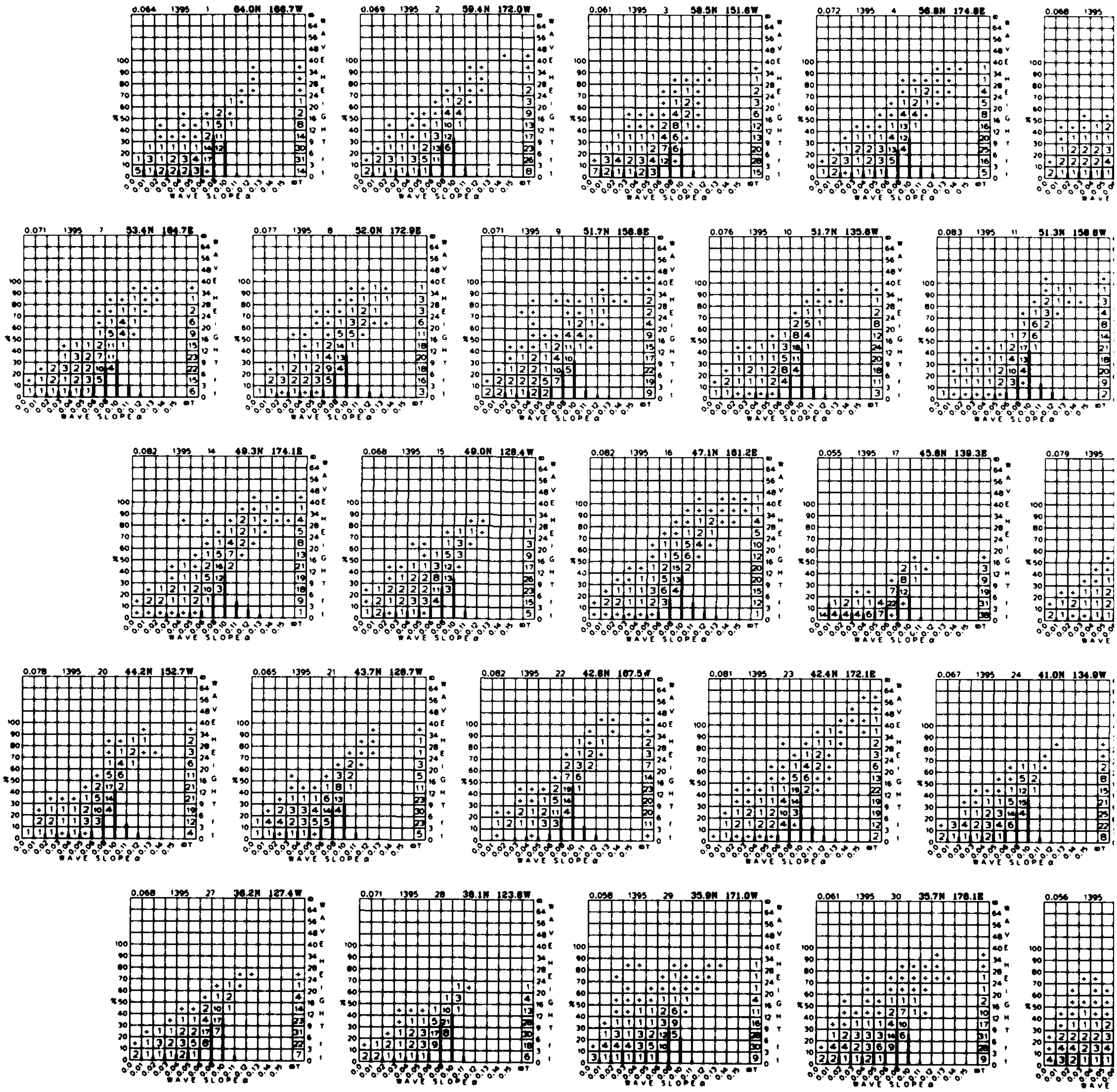
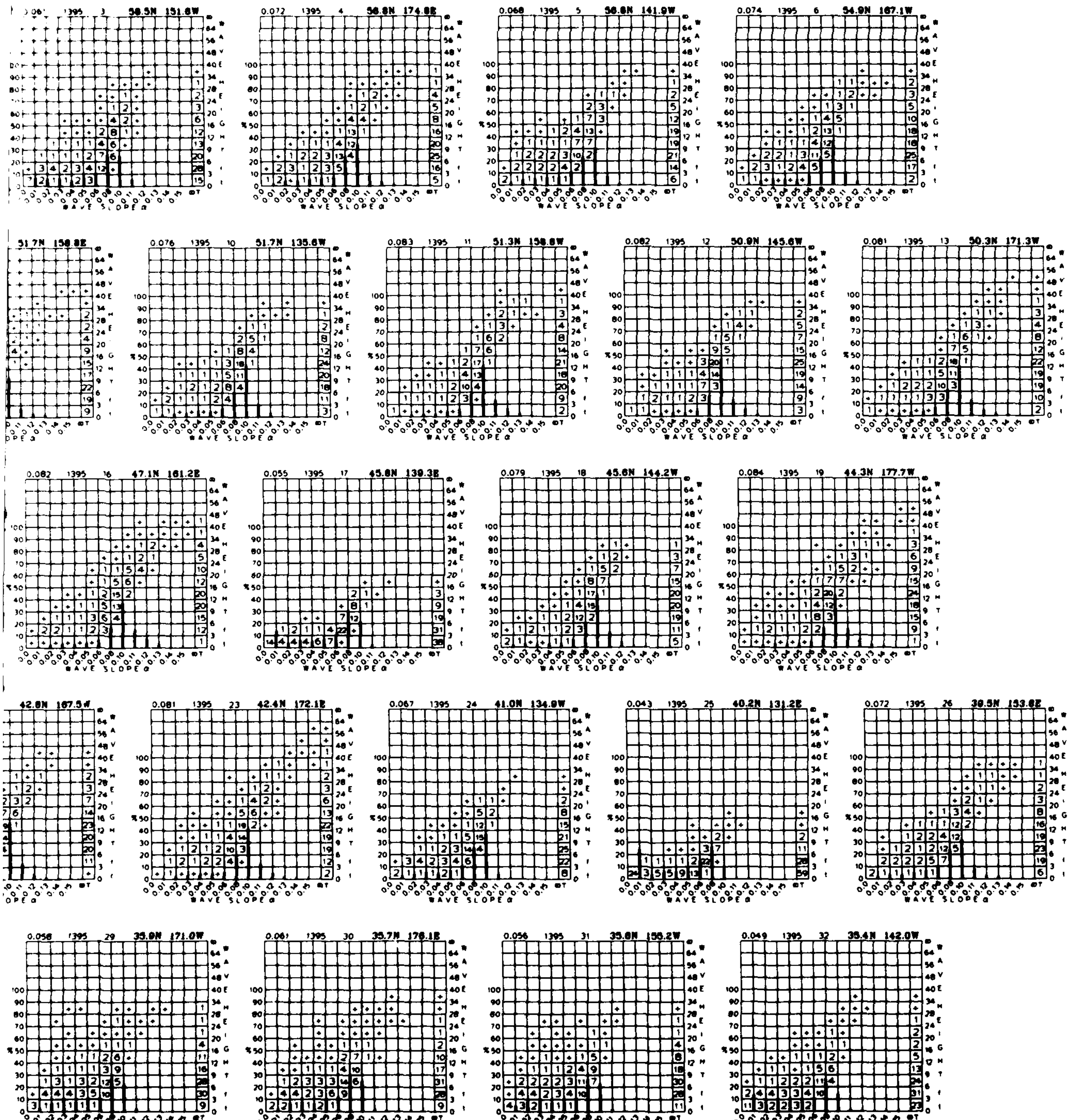
APRIL

WAVE HEI



WAVE HEIGHT AND WAVE SLOPE (α)



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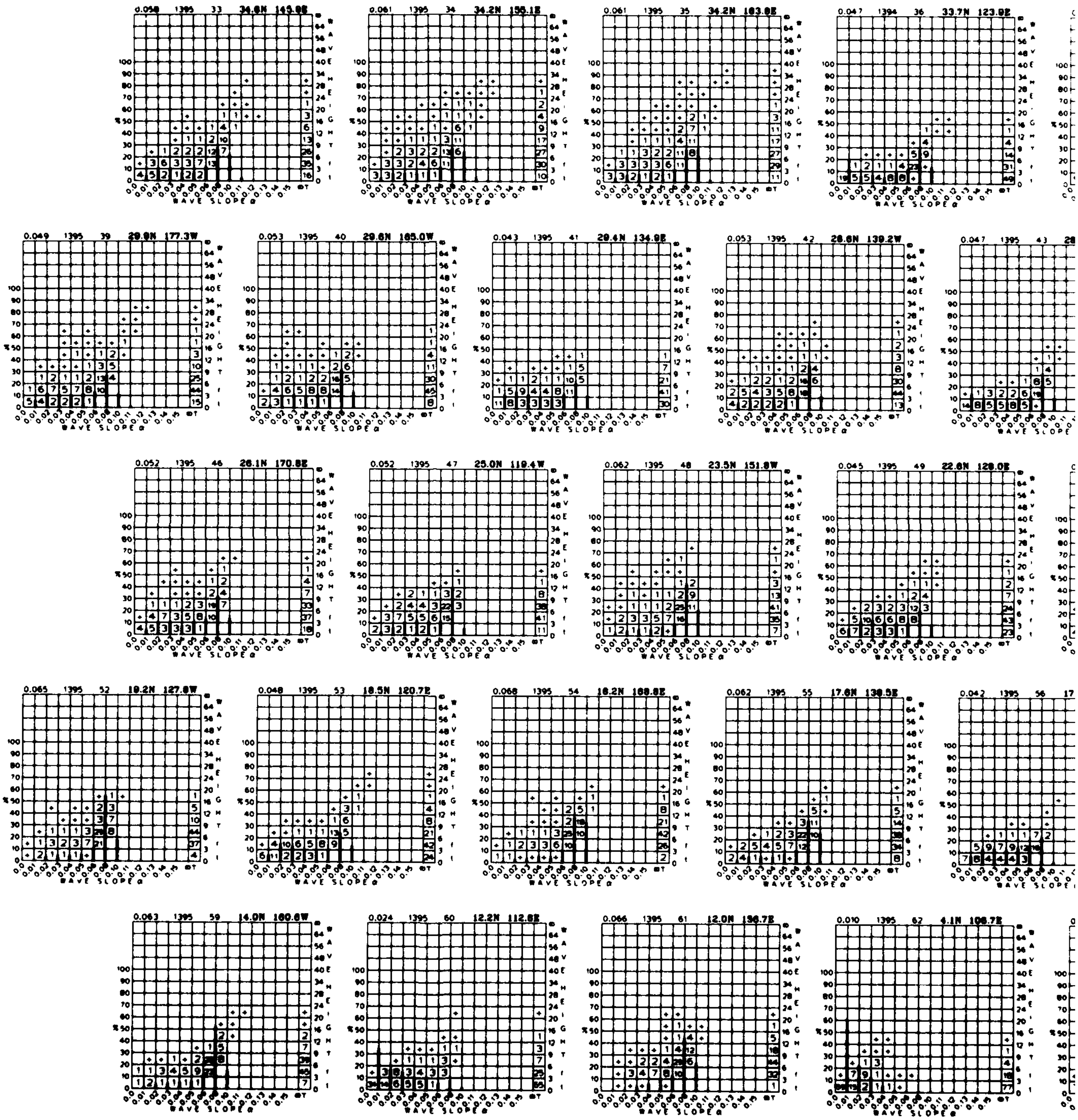
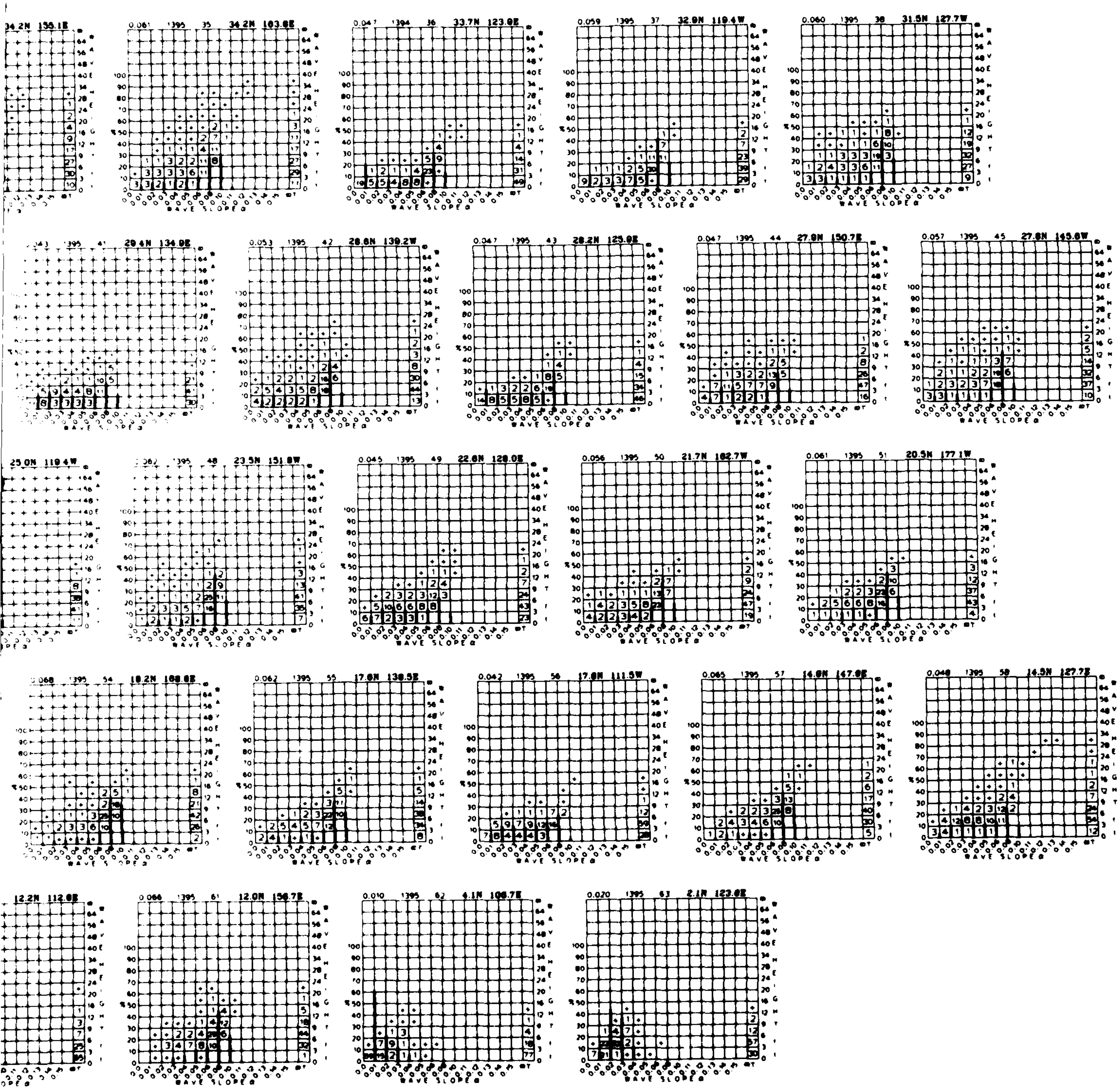


/E SLOPE (α) (Cont'd)

APRIL



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MAY

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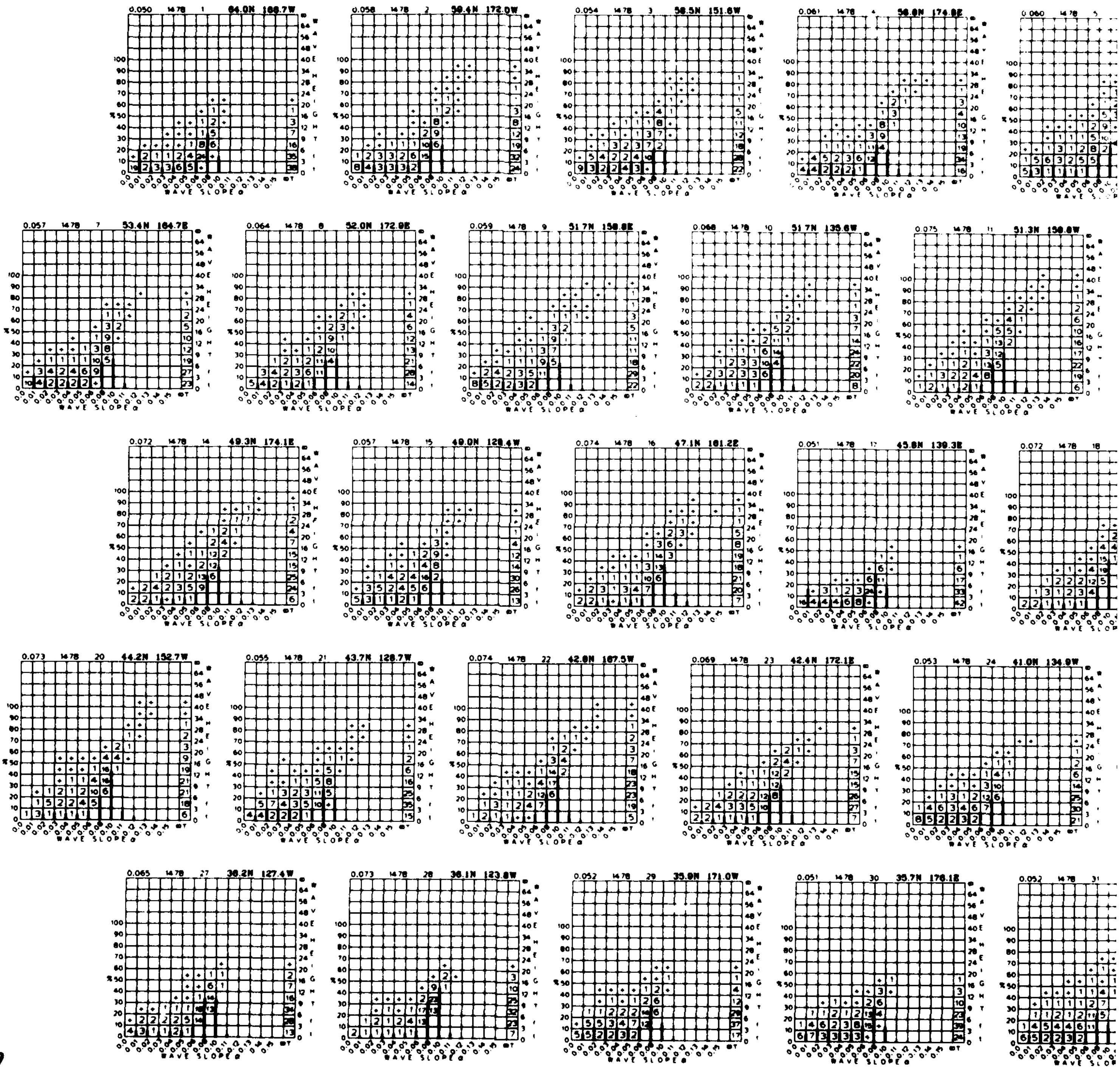

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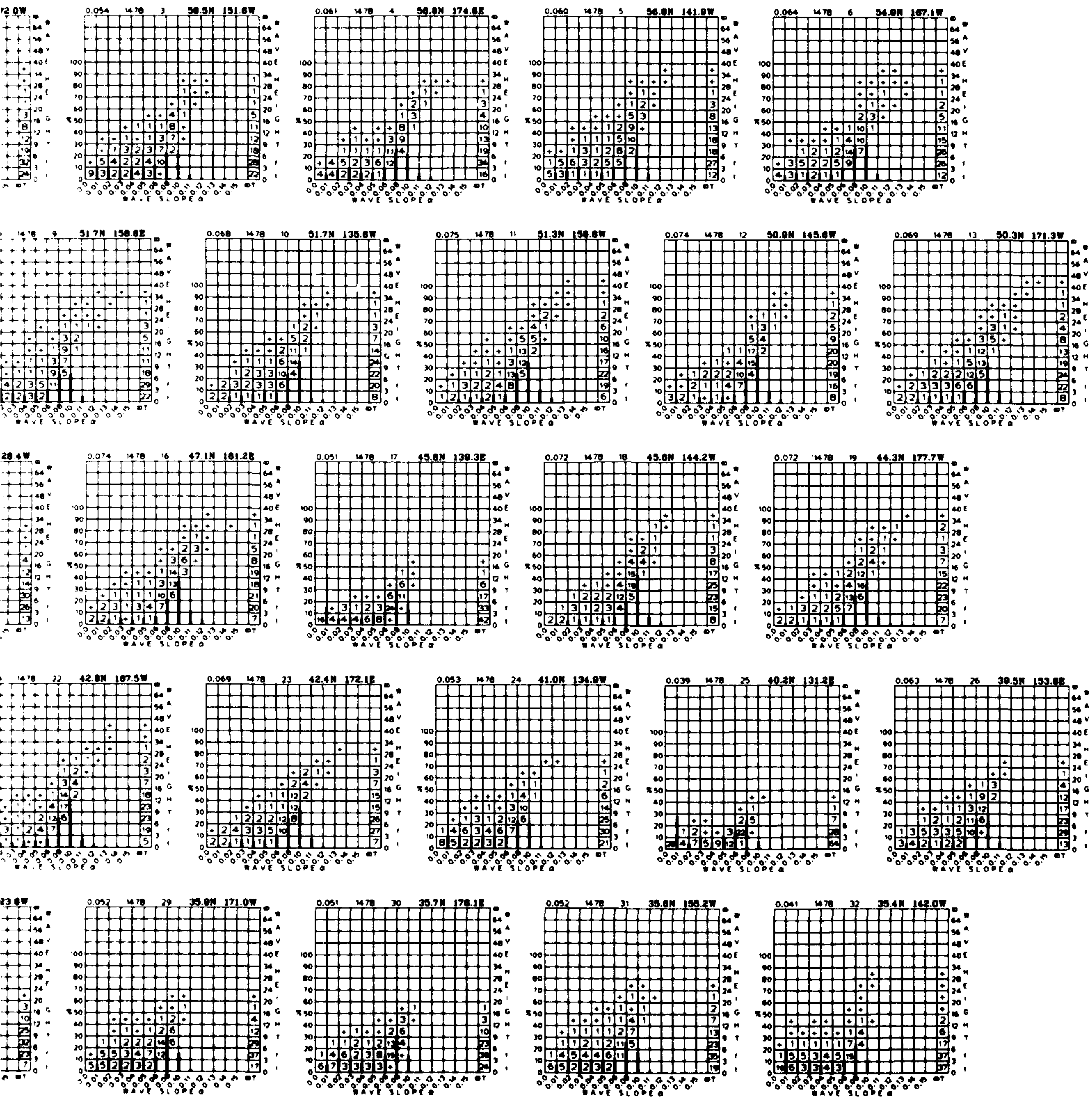

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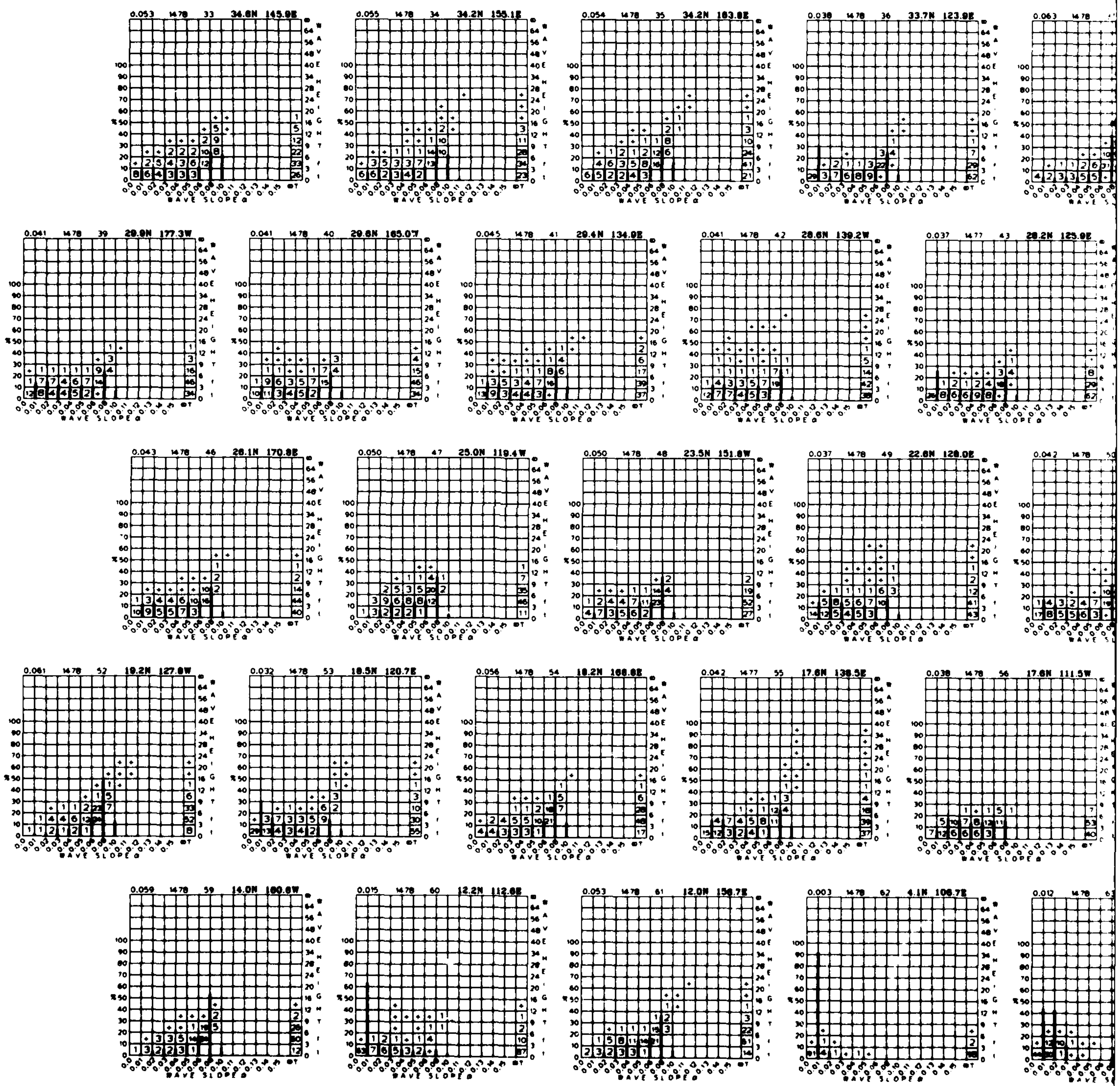
WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)



VE SLOPE (α) (Cont'd)

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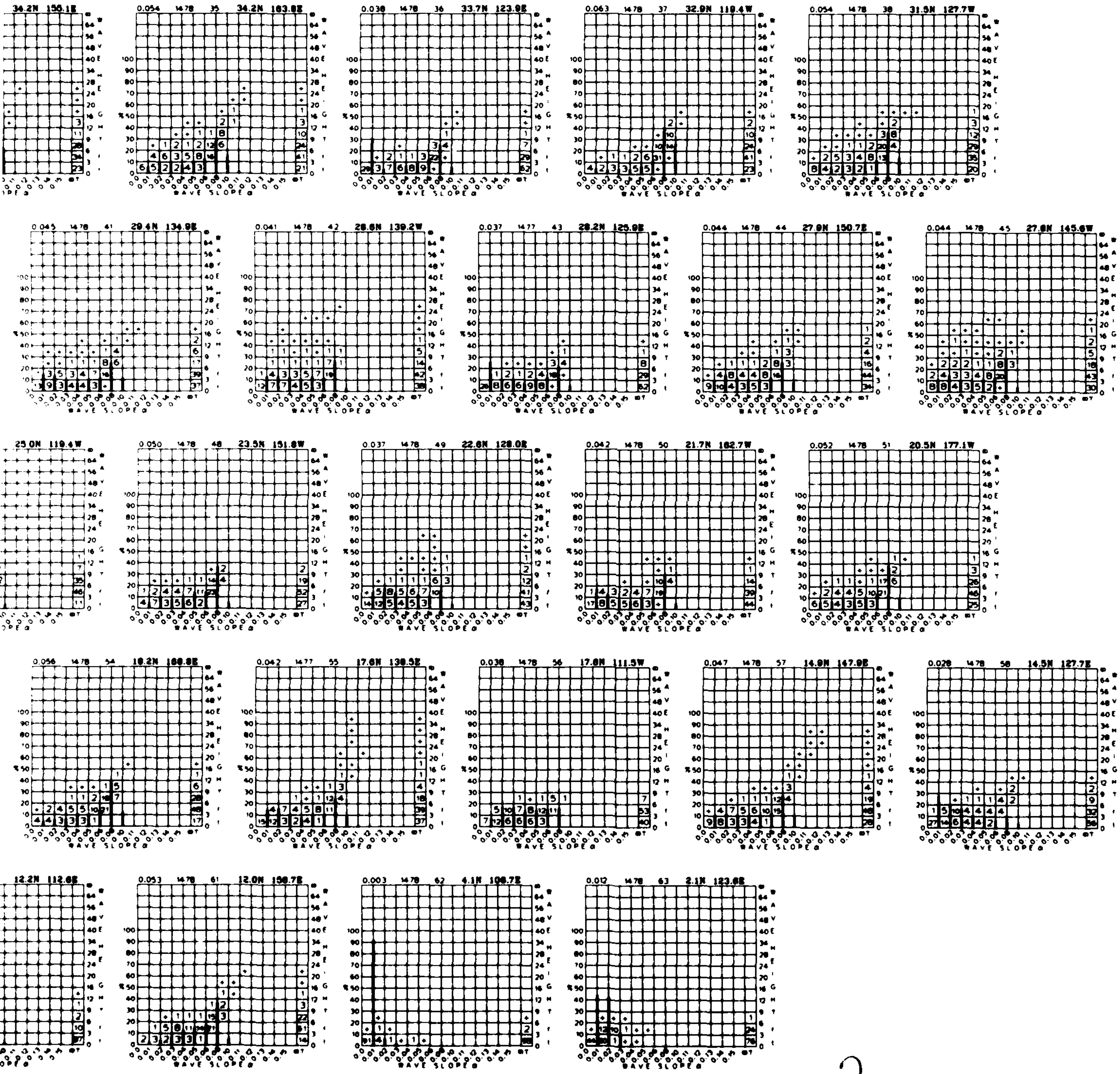

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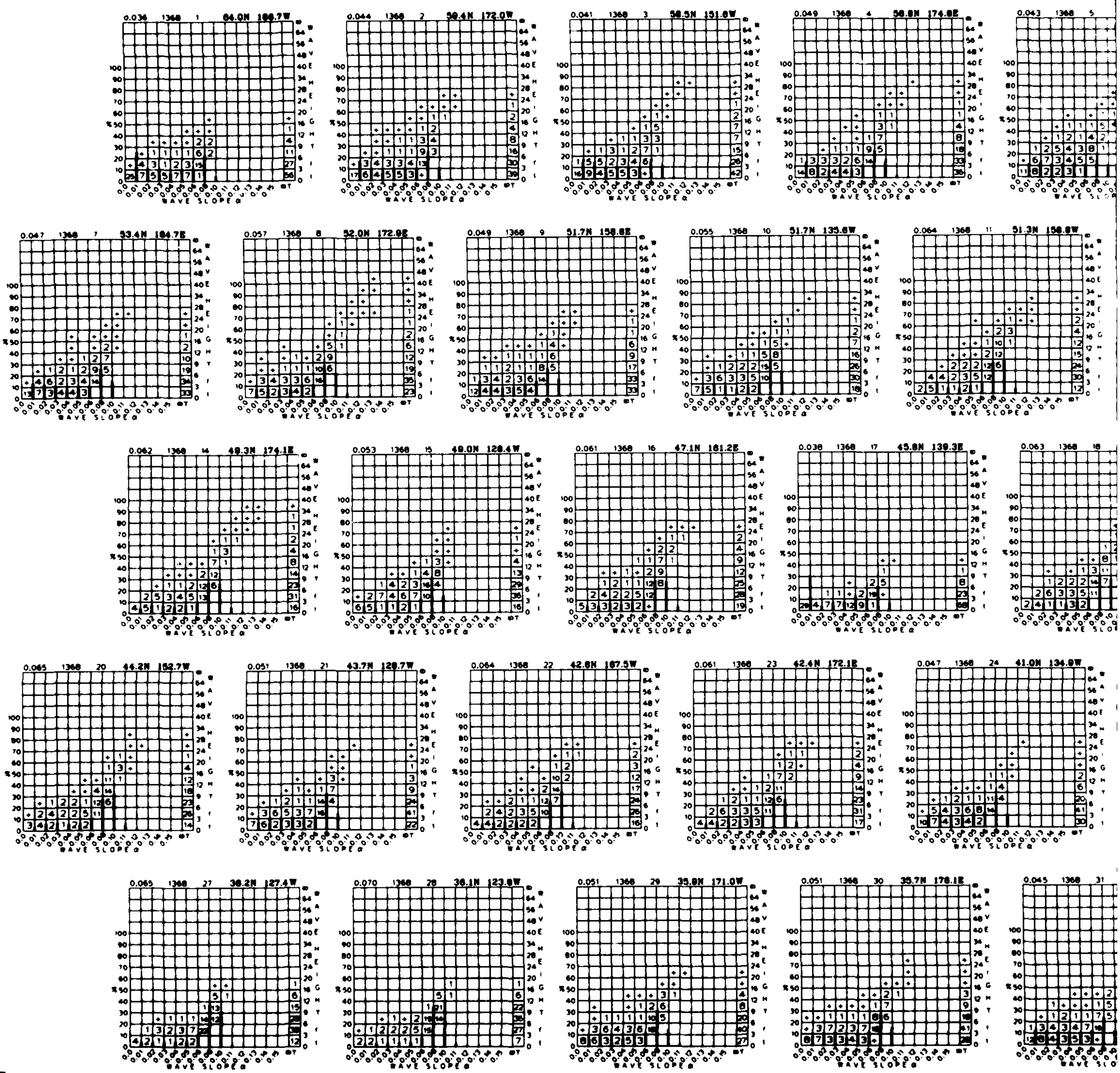
JUNE

WAVE HEIG



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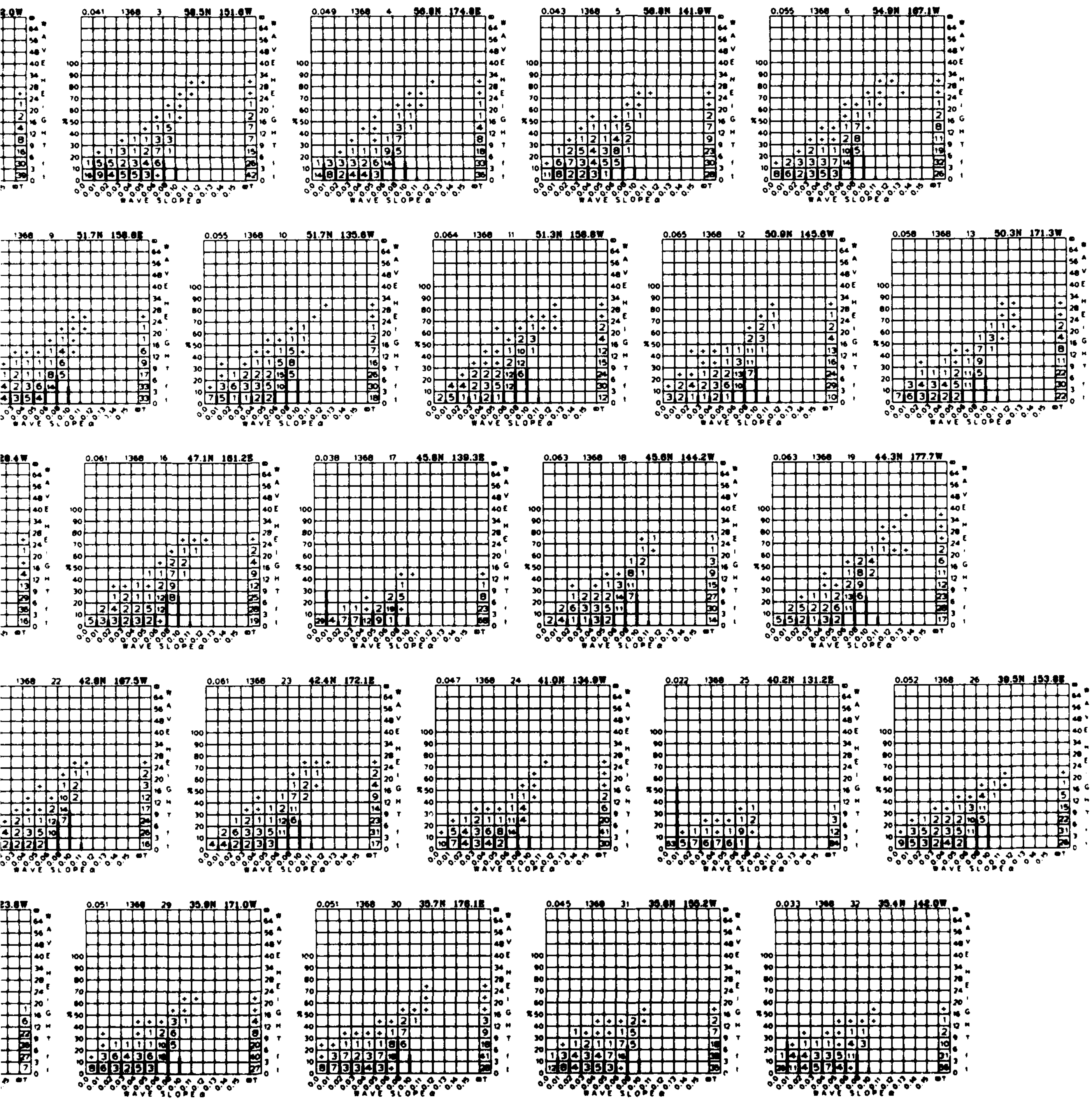
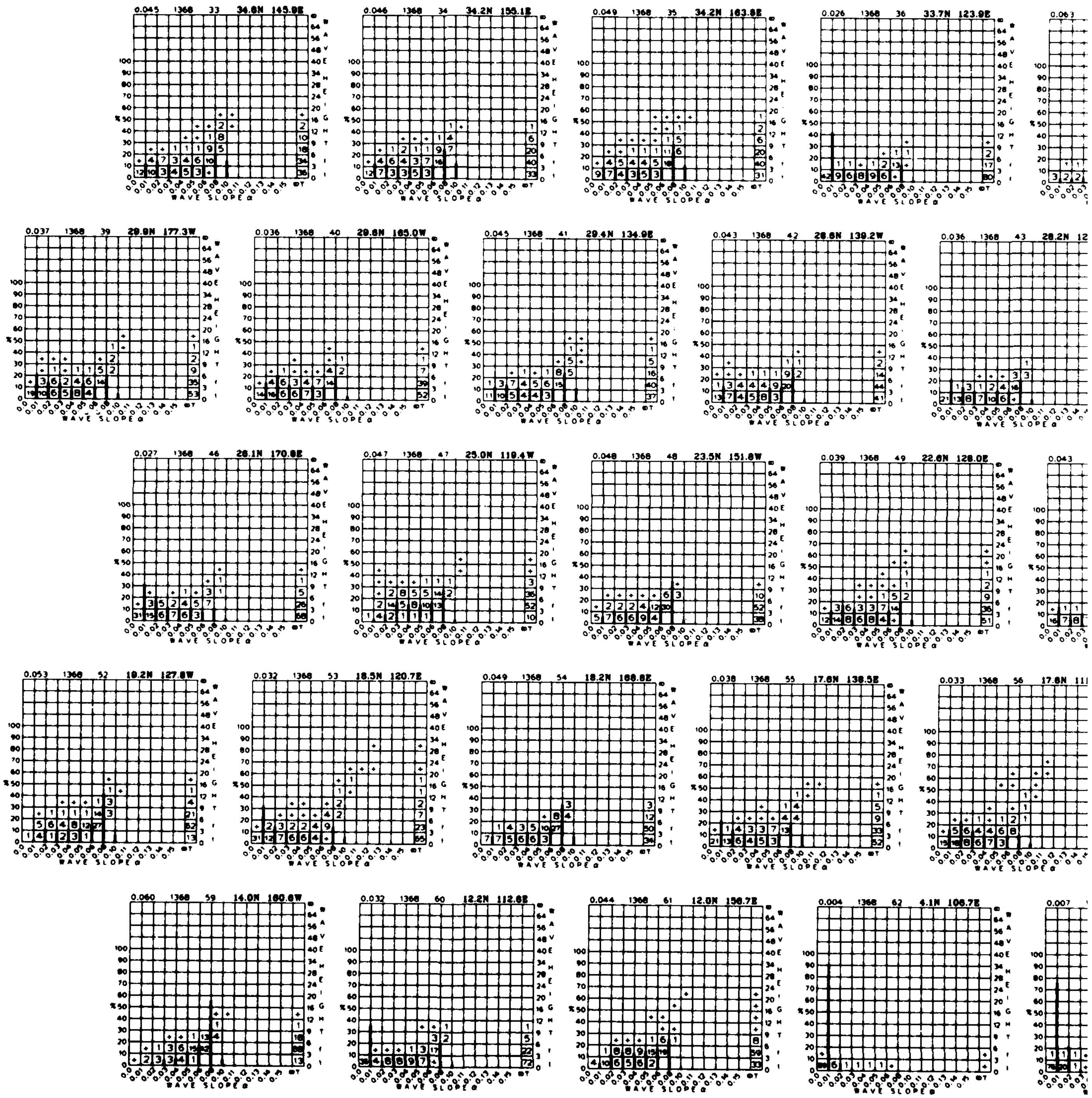


WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)



AVE SLOPE (α) (Cont'd)

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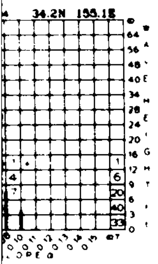

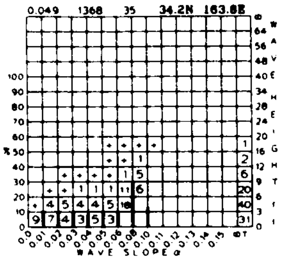

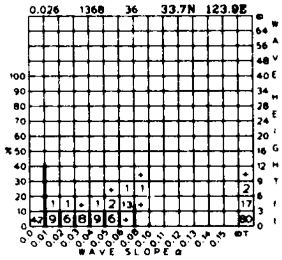

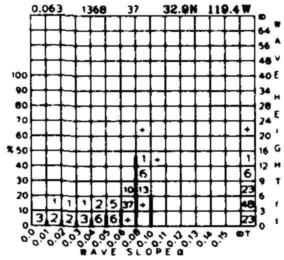

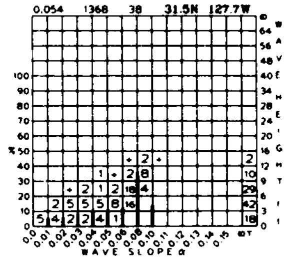

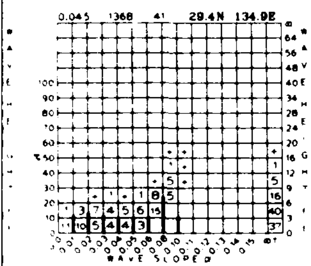

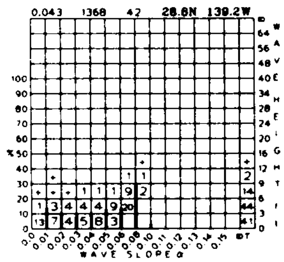

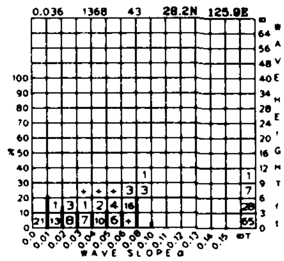

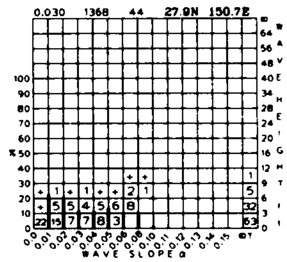

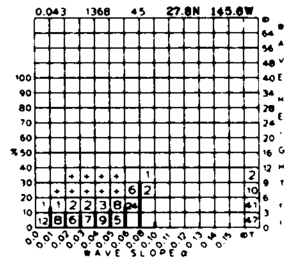

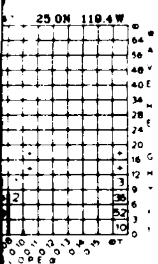

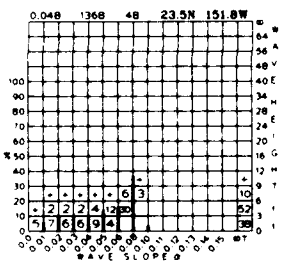

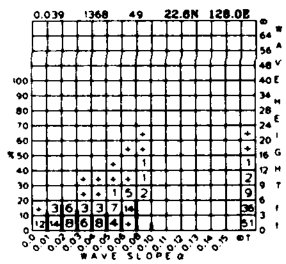

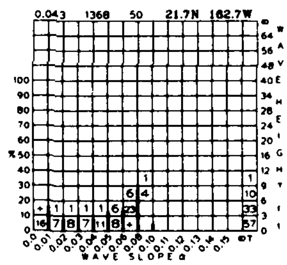

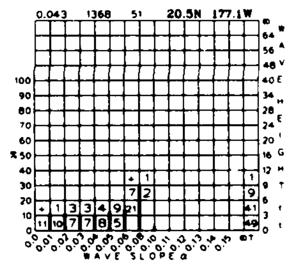

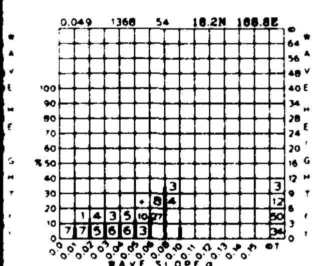

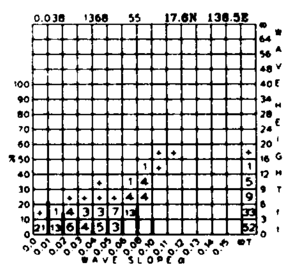

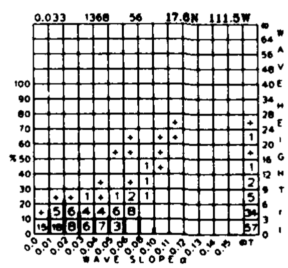

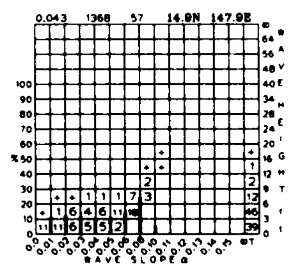

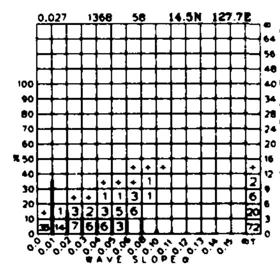

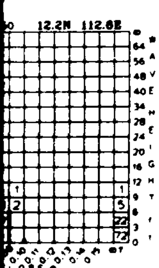

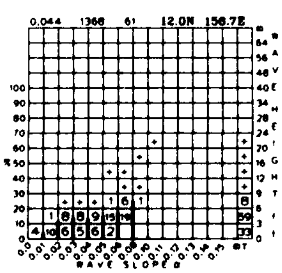

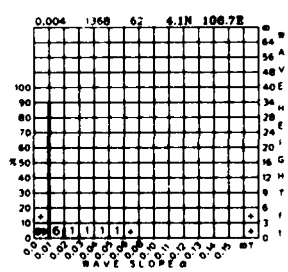

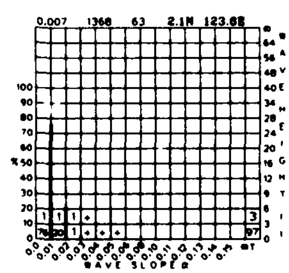

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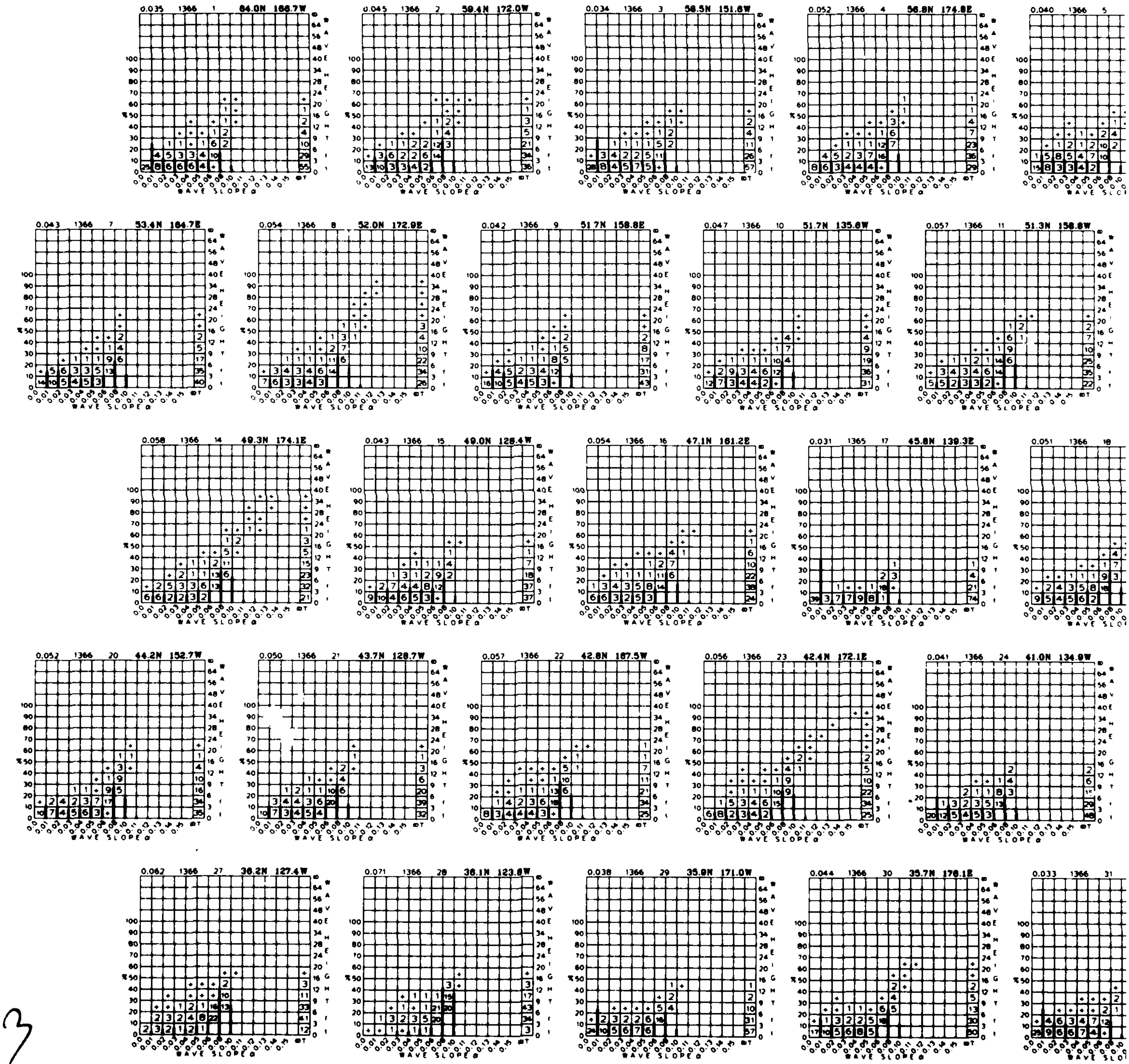
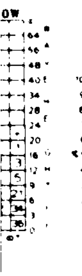
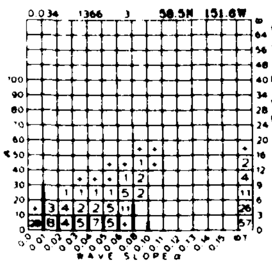
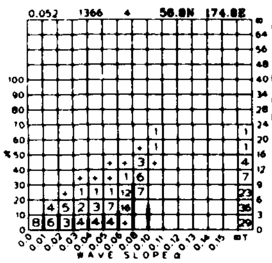
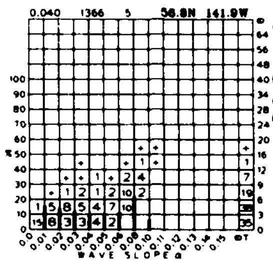


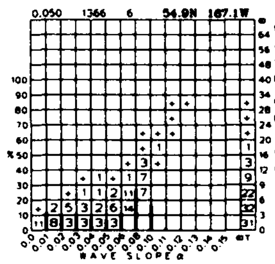
3

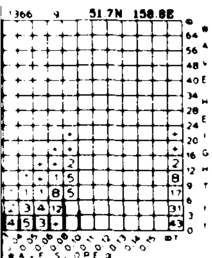
WAVE HEIGHT AND WAVE SLOPE (α)

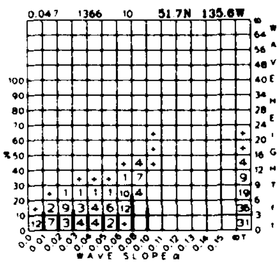



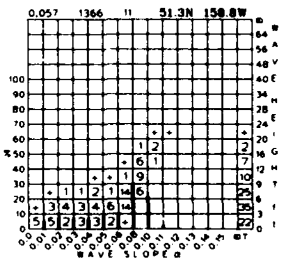


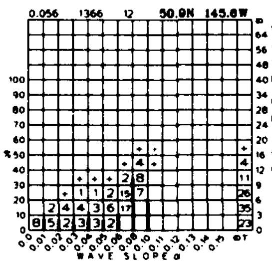


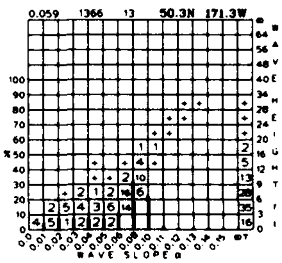


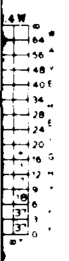
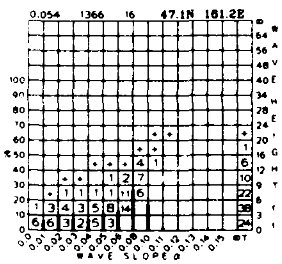


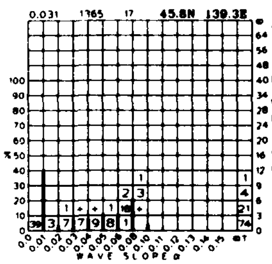


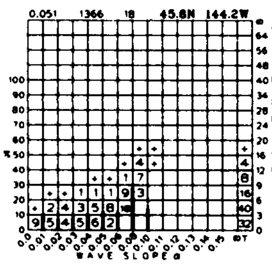


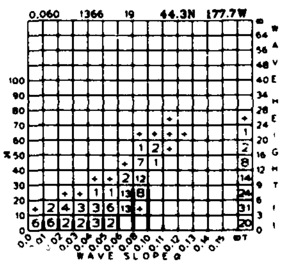


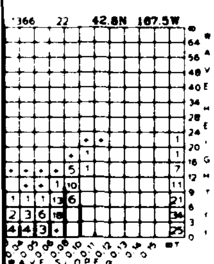


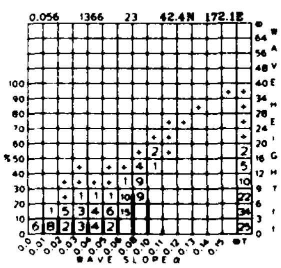



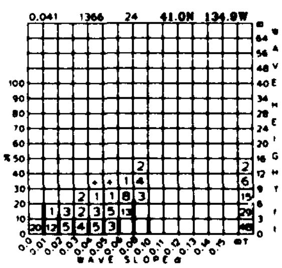


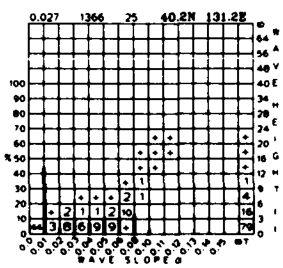


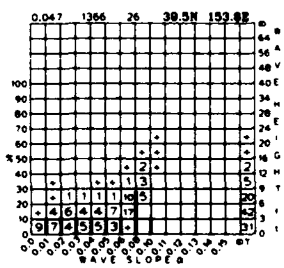


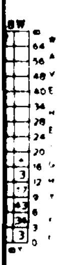
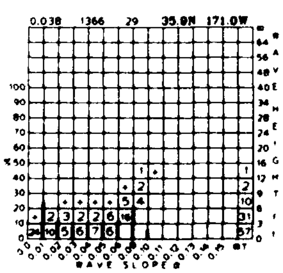


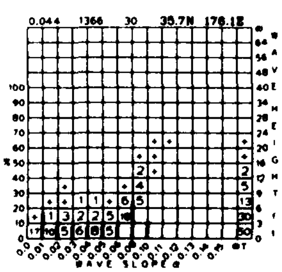


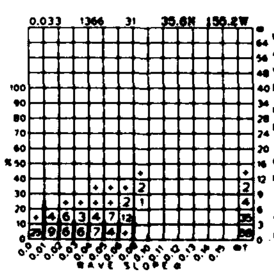


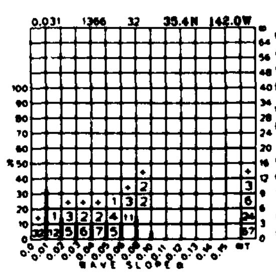




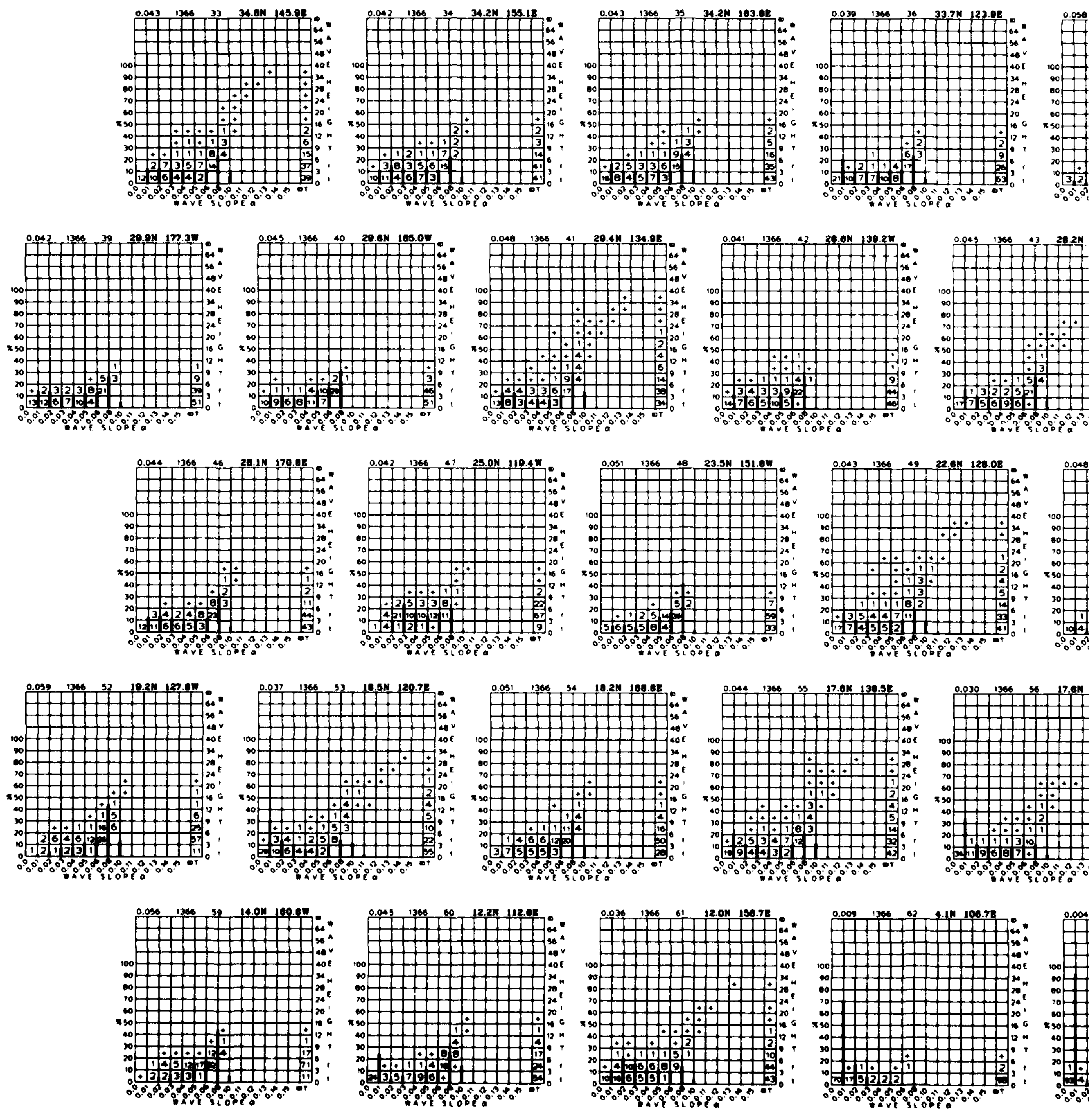






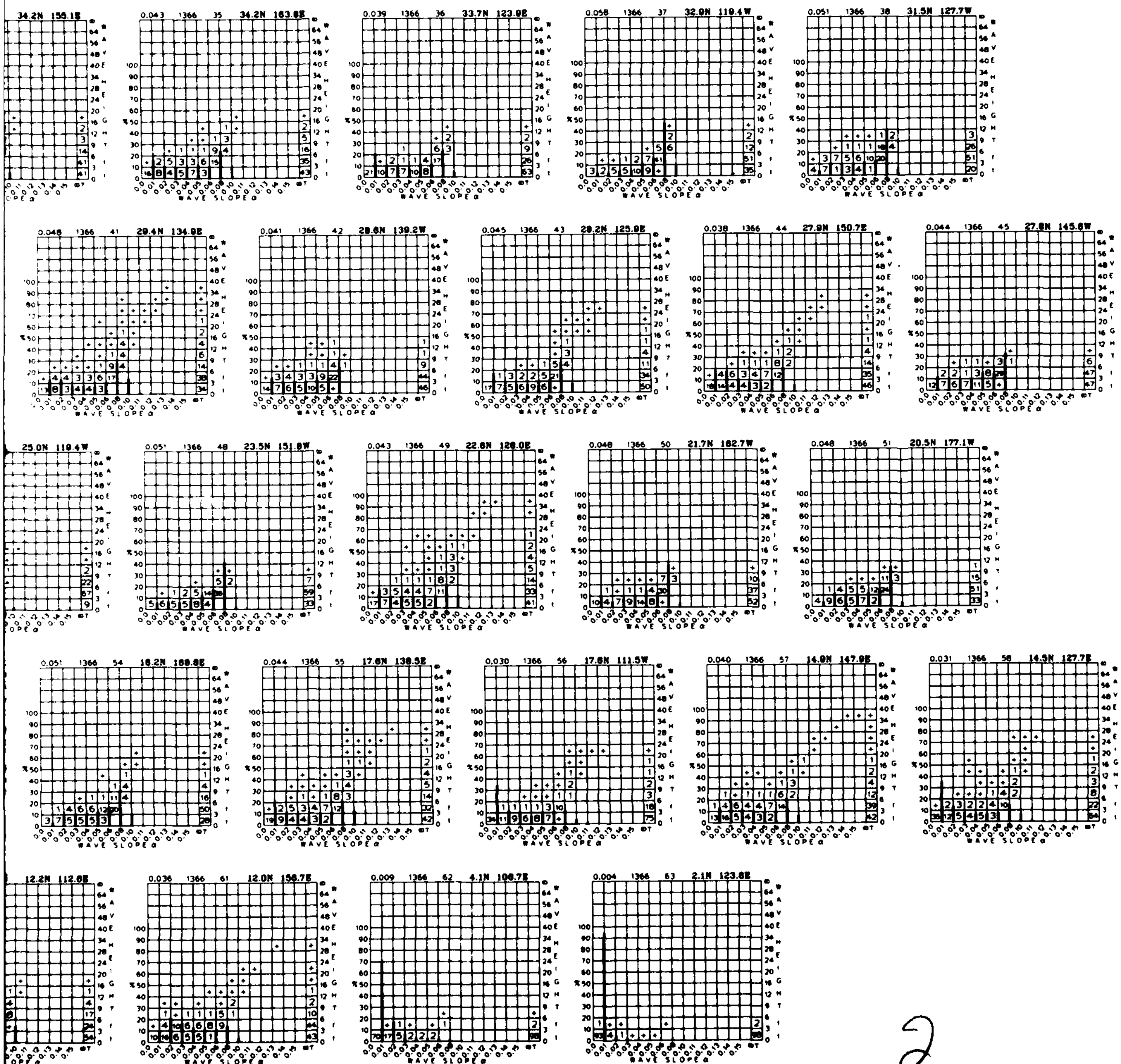
4

WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)



VE SLOPE (α) (Cont'd)

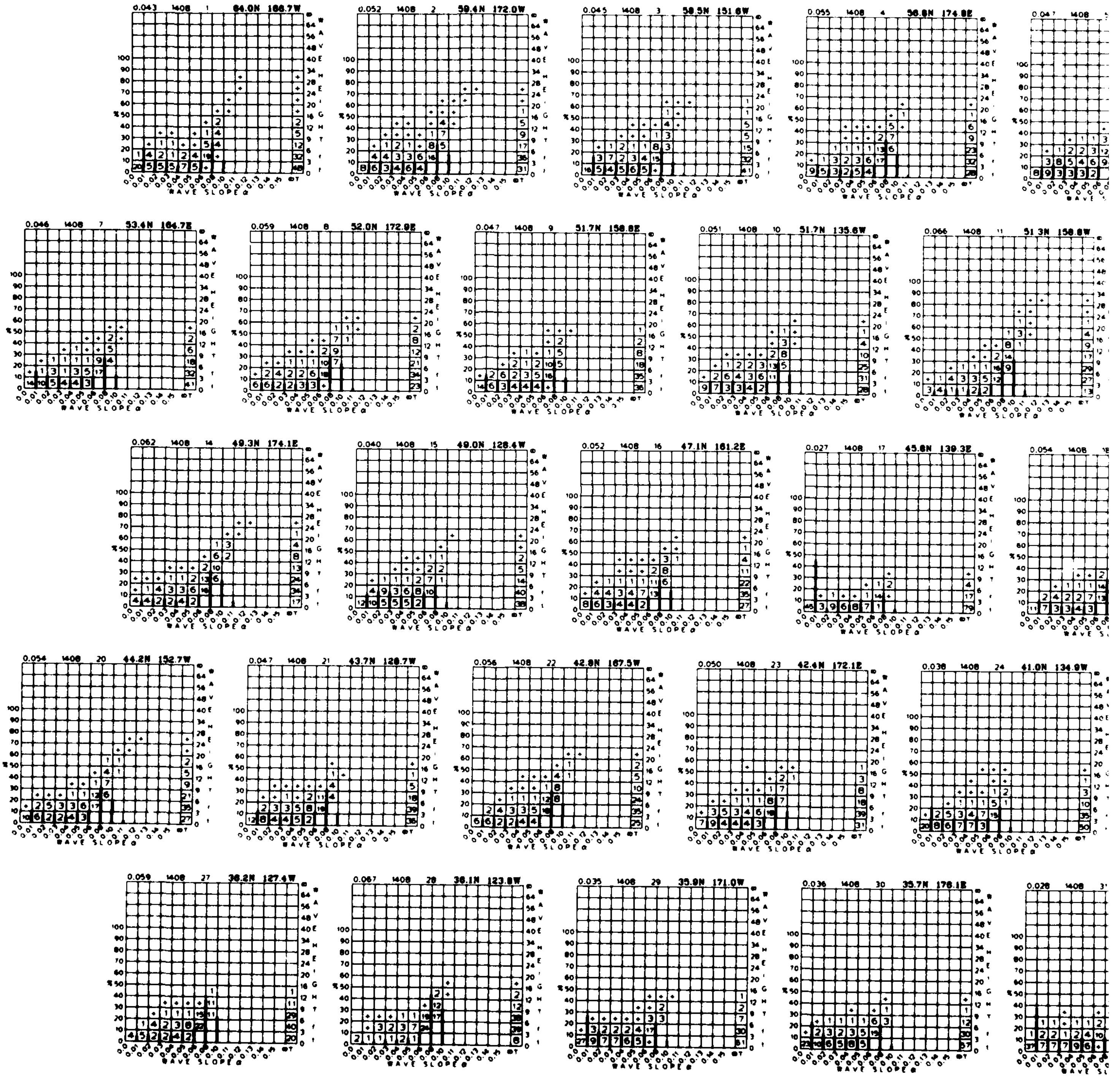
JULY



2

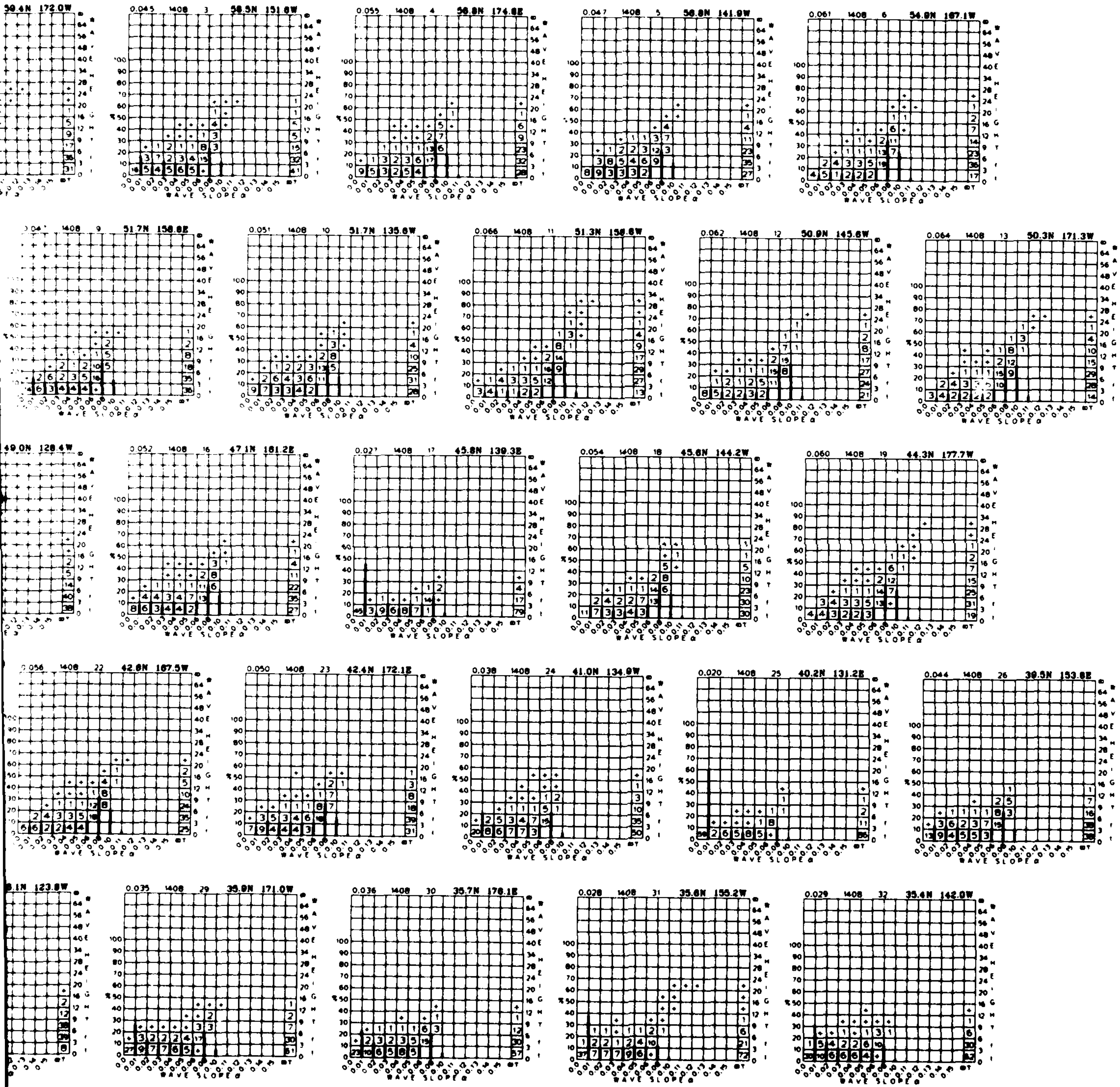
AUGUST

WAVE HEIG



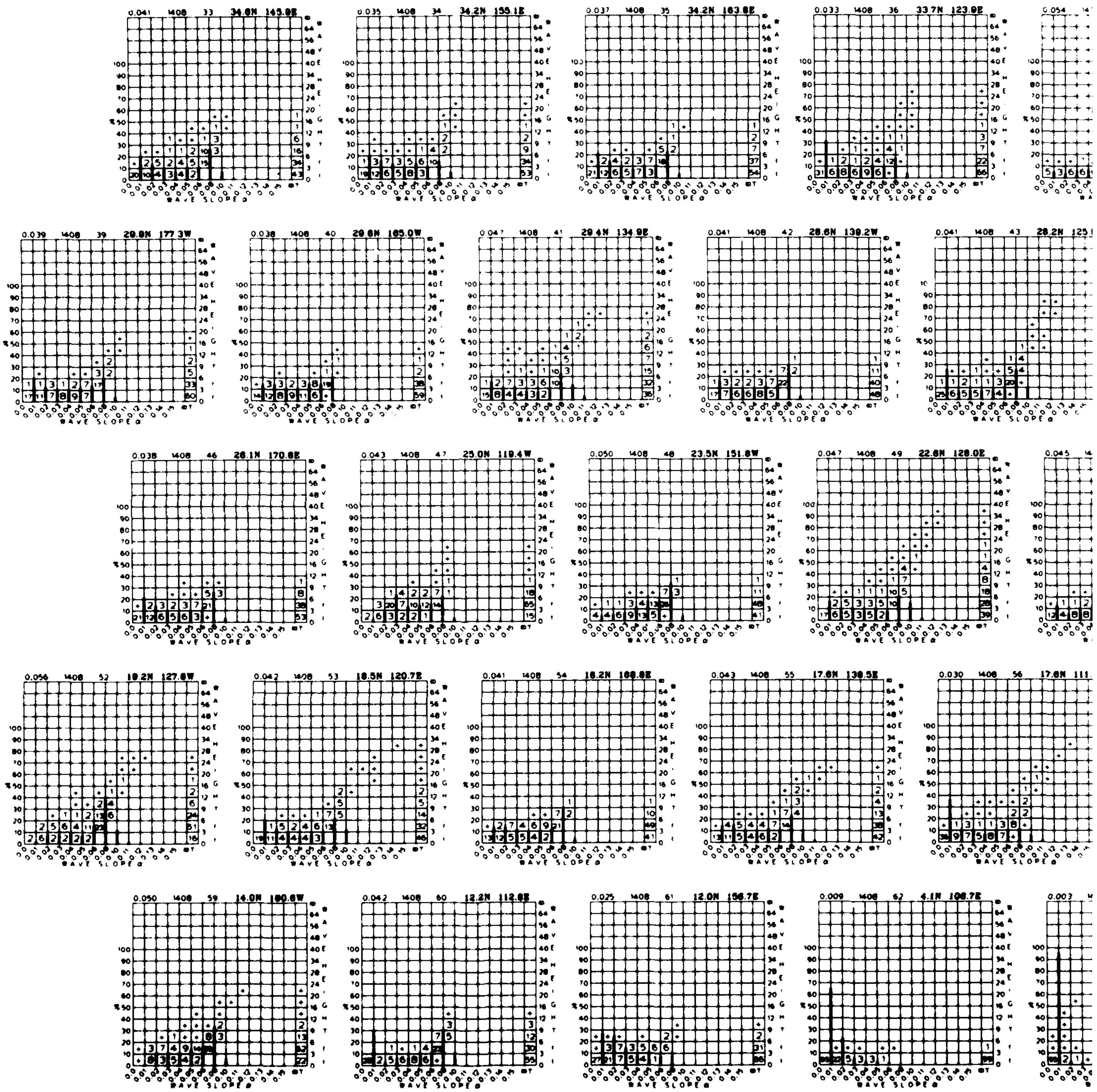
3

WAVE HEIGHT AND WAVE SLOPE (α)



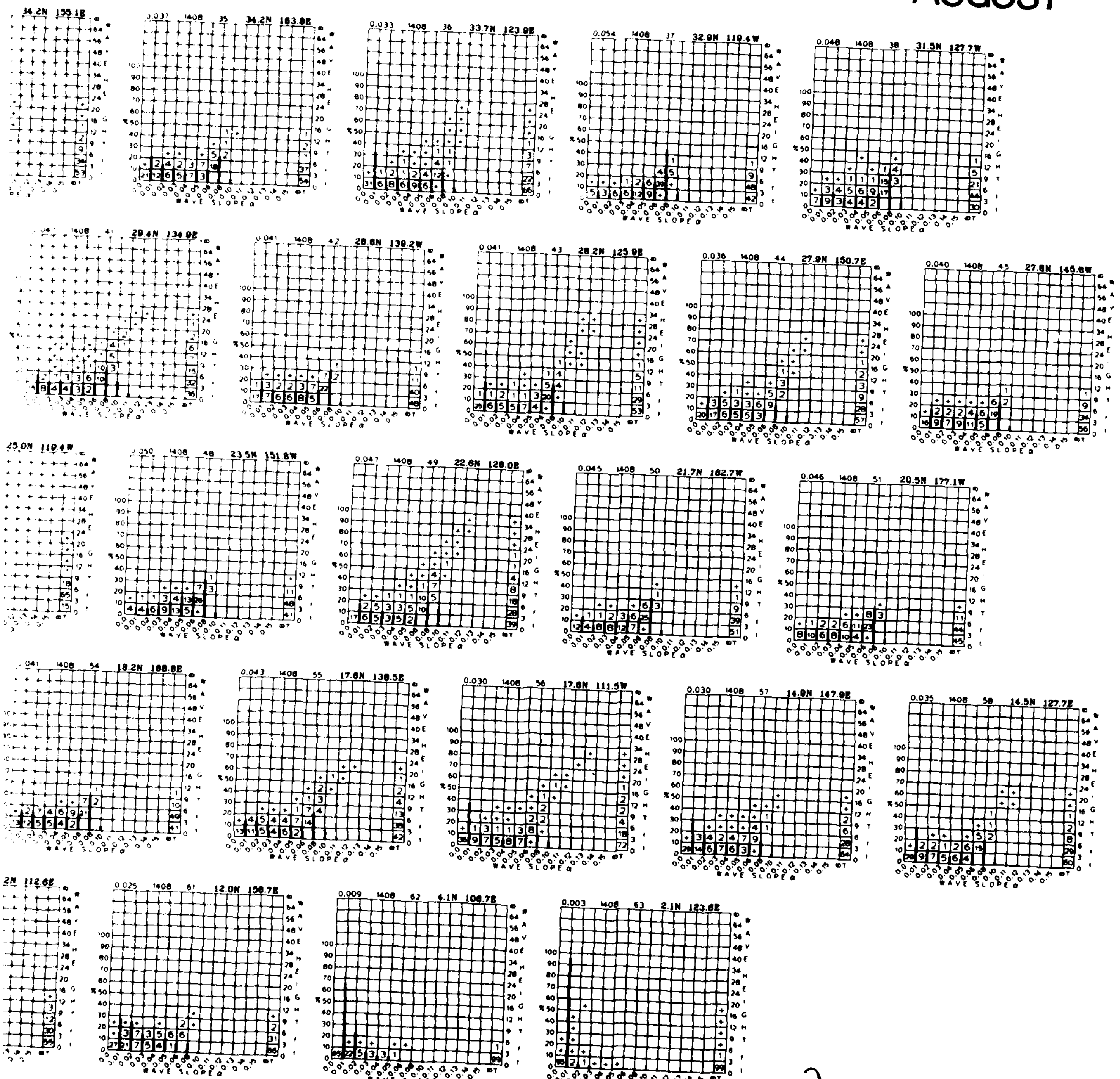
4

WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)



VE SLOPE (α) (Cont'd)

AUGUST



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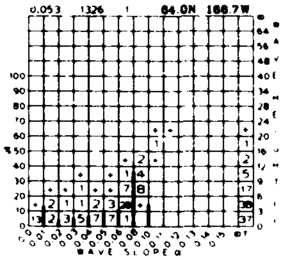
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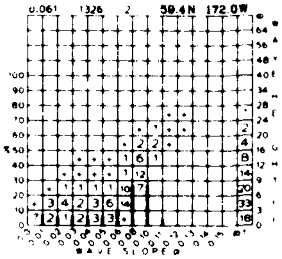
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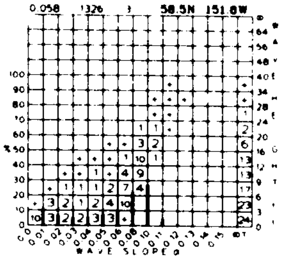
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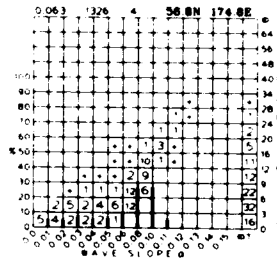
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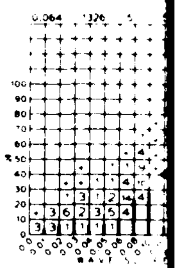
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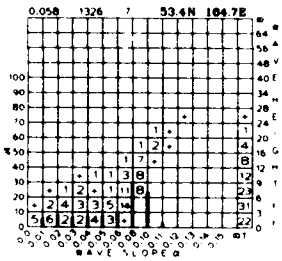
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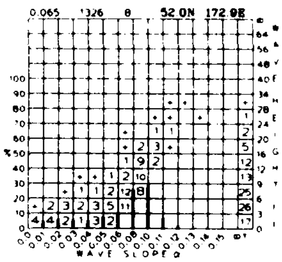
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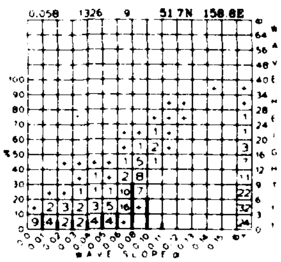
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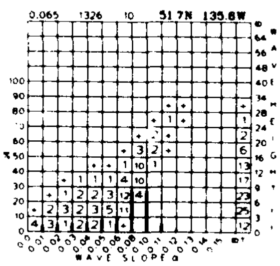
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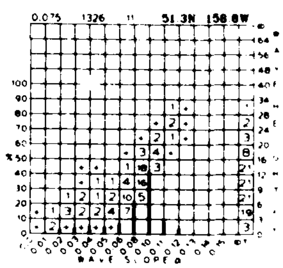
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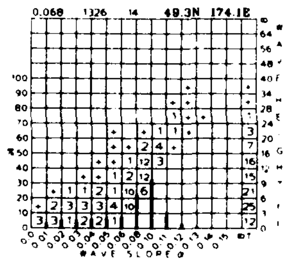
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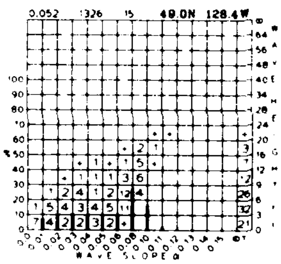
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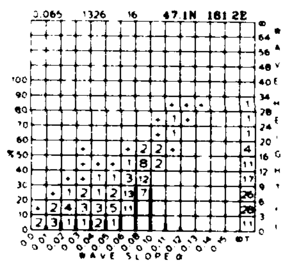
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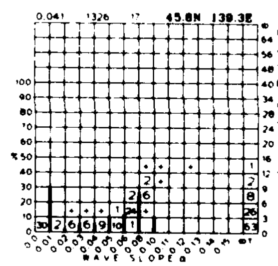
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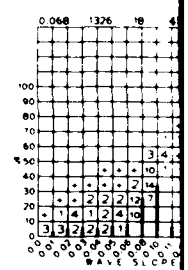
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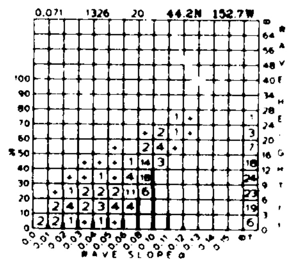
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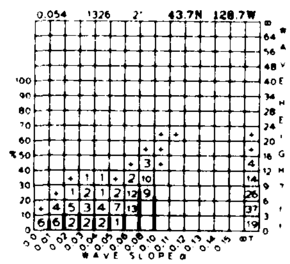
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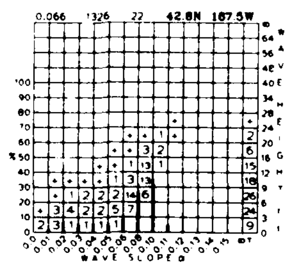
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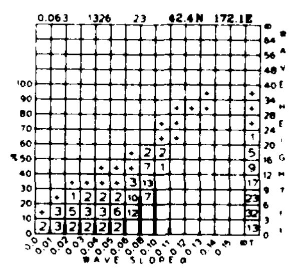
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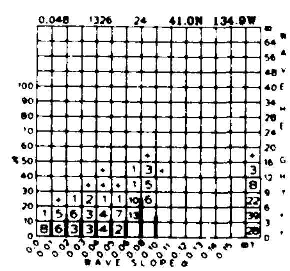
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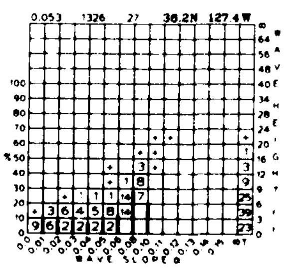
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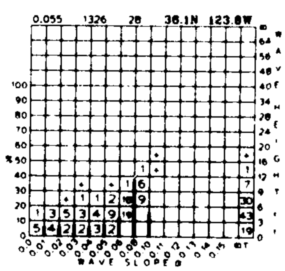
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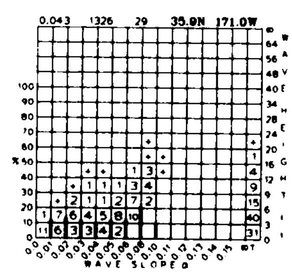
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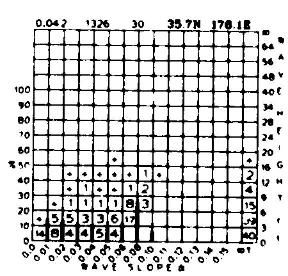
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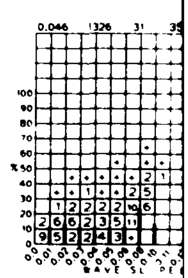
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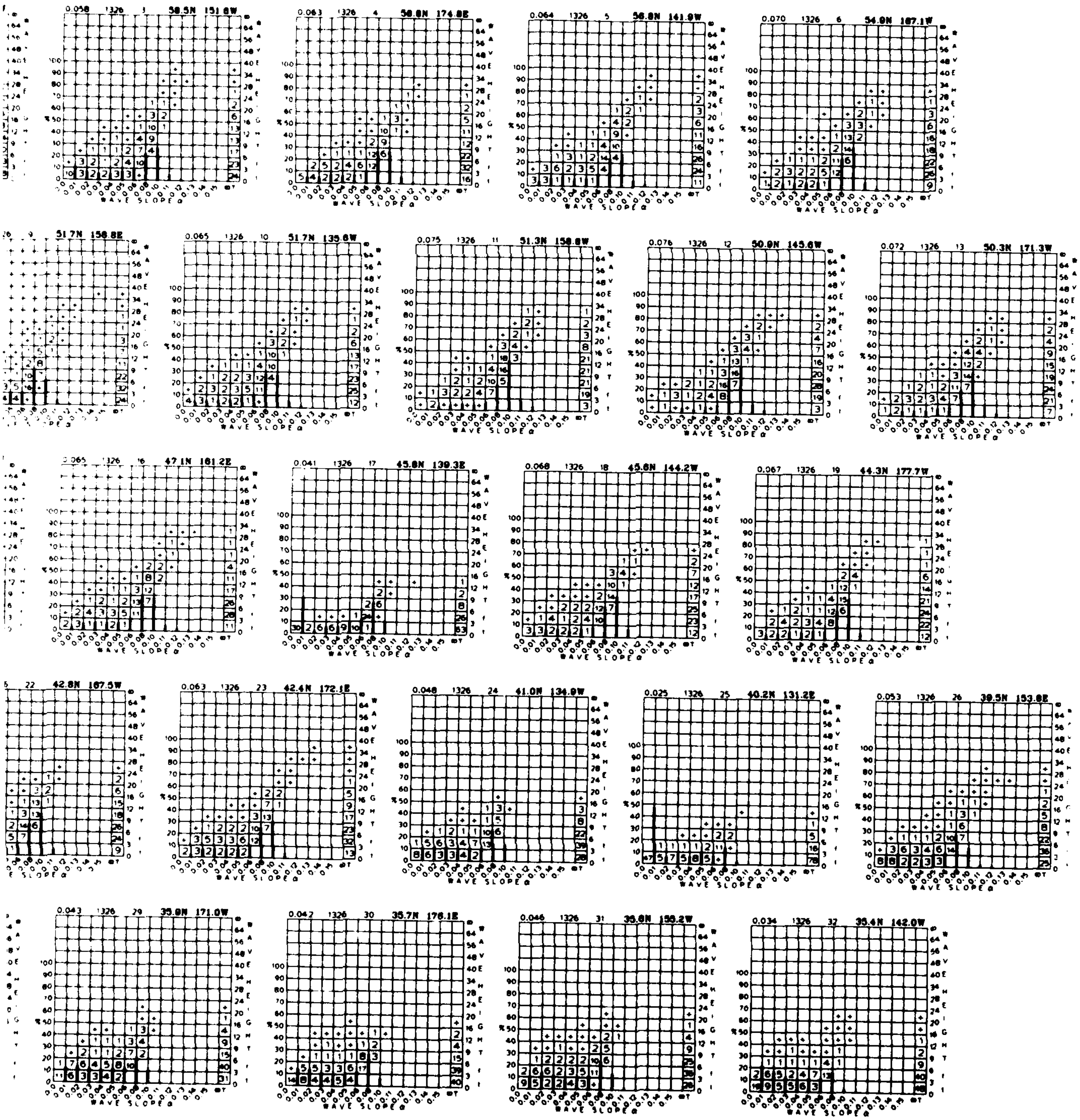
WAVE HEIGHT AND WAVE SLOPE (α)



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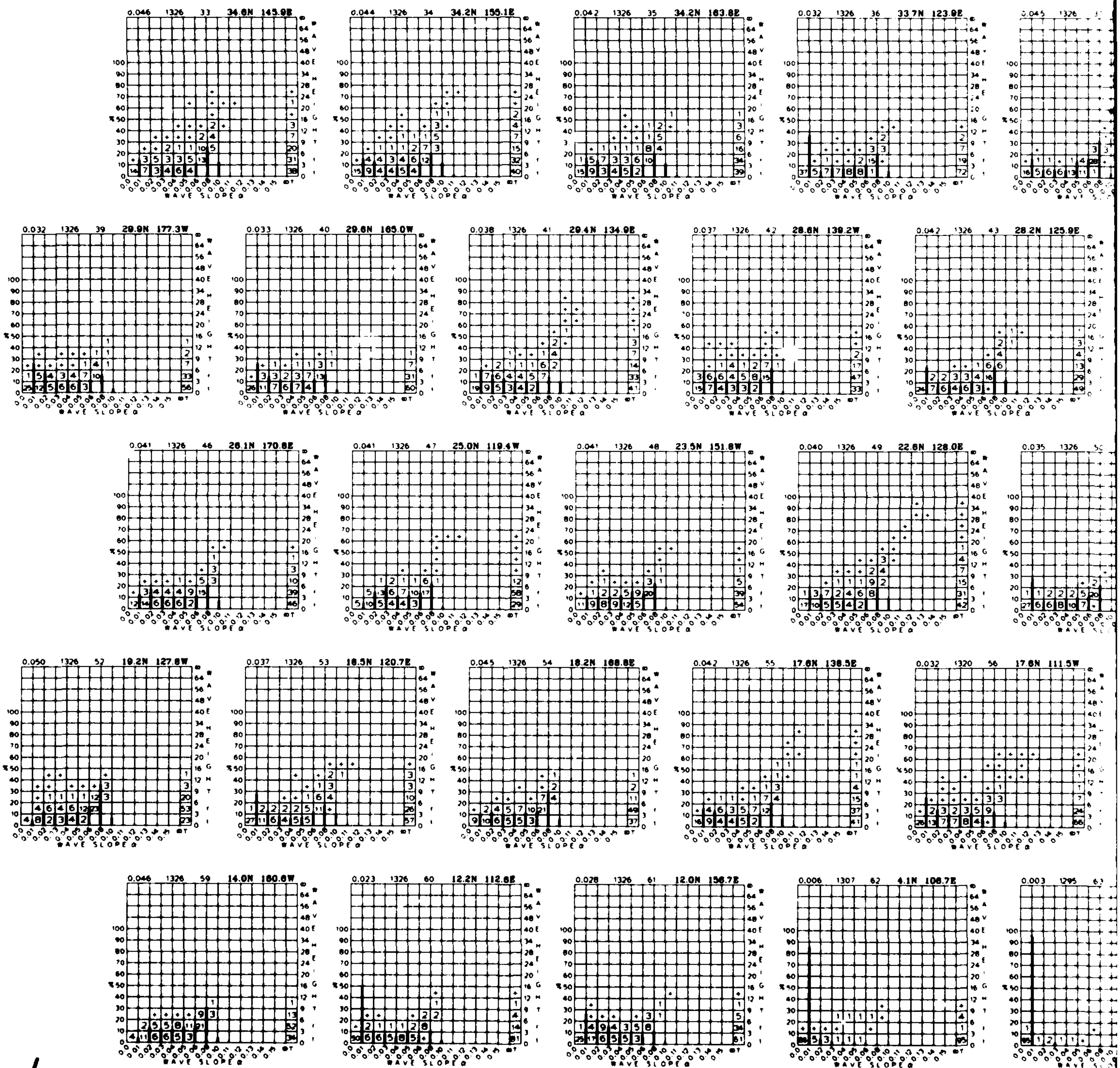
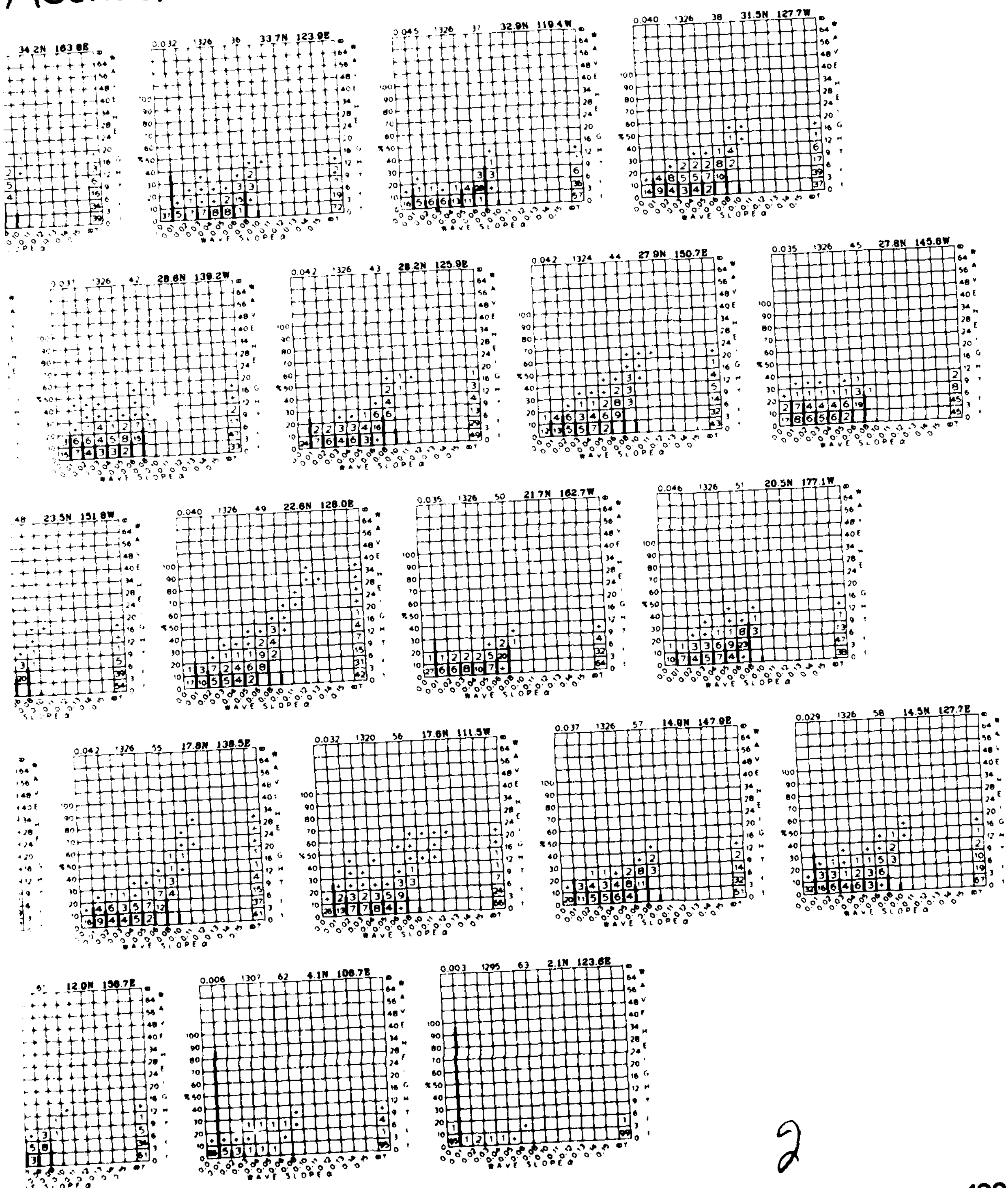
WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)



) (Cont'd)

SEPTEMBER



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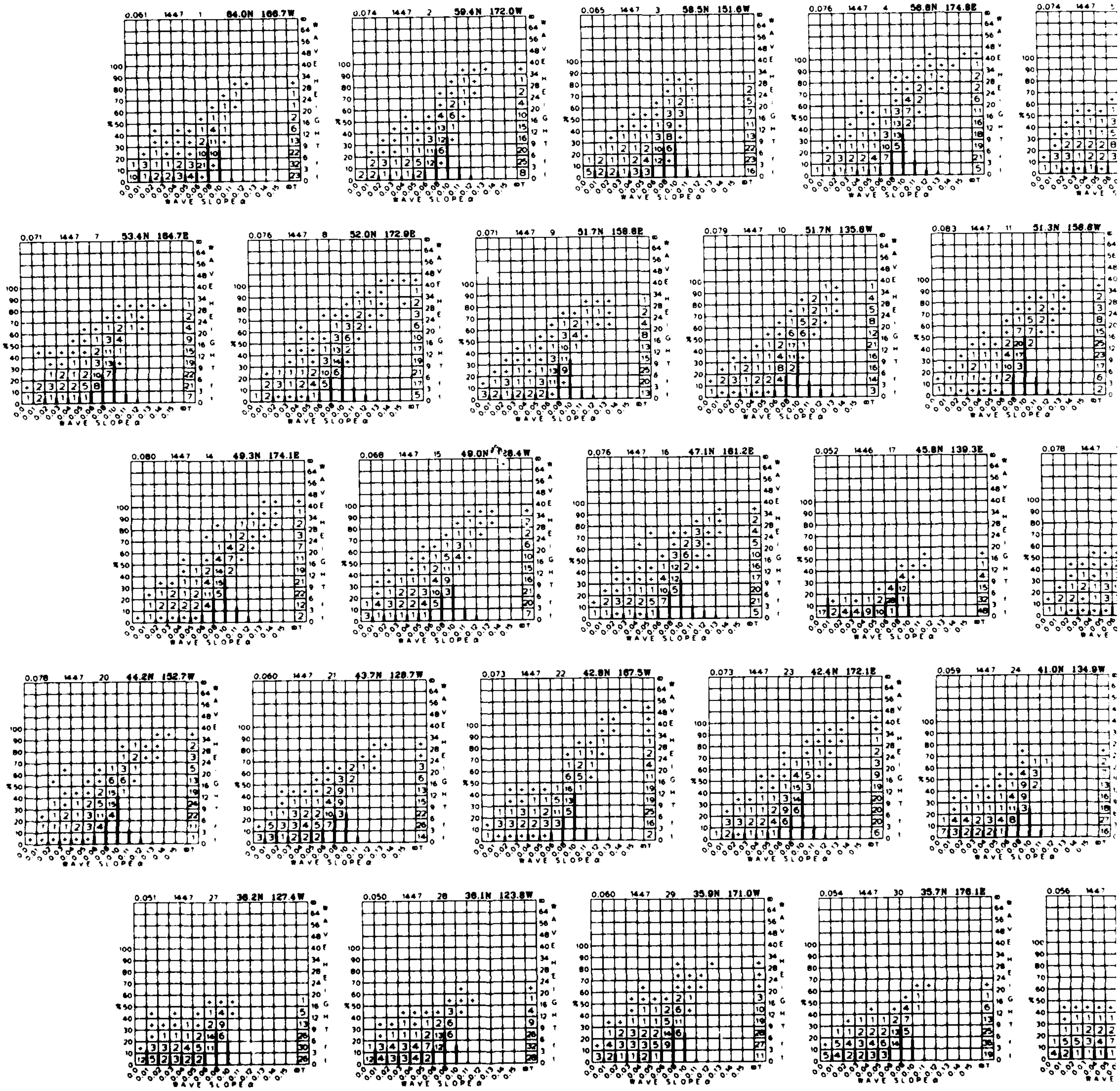
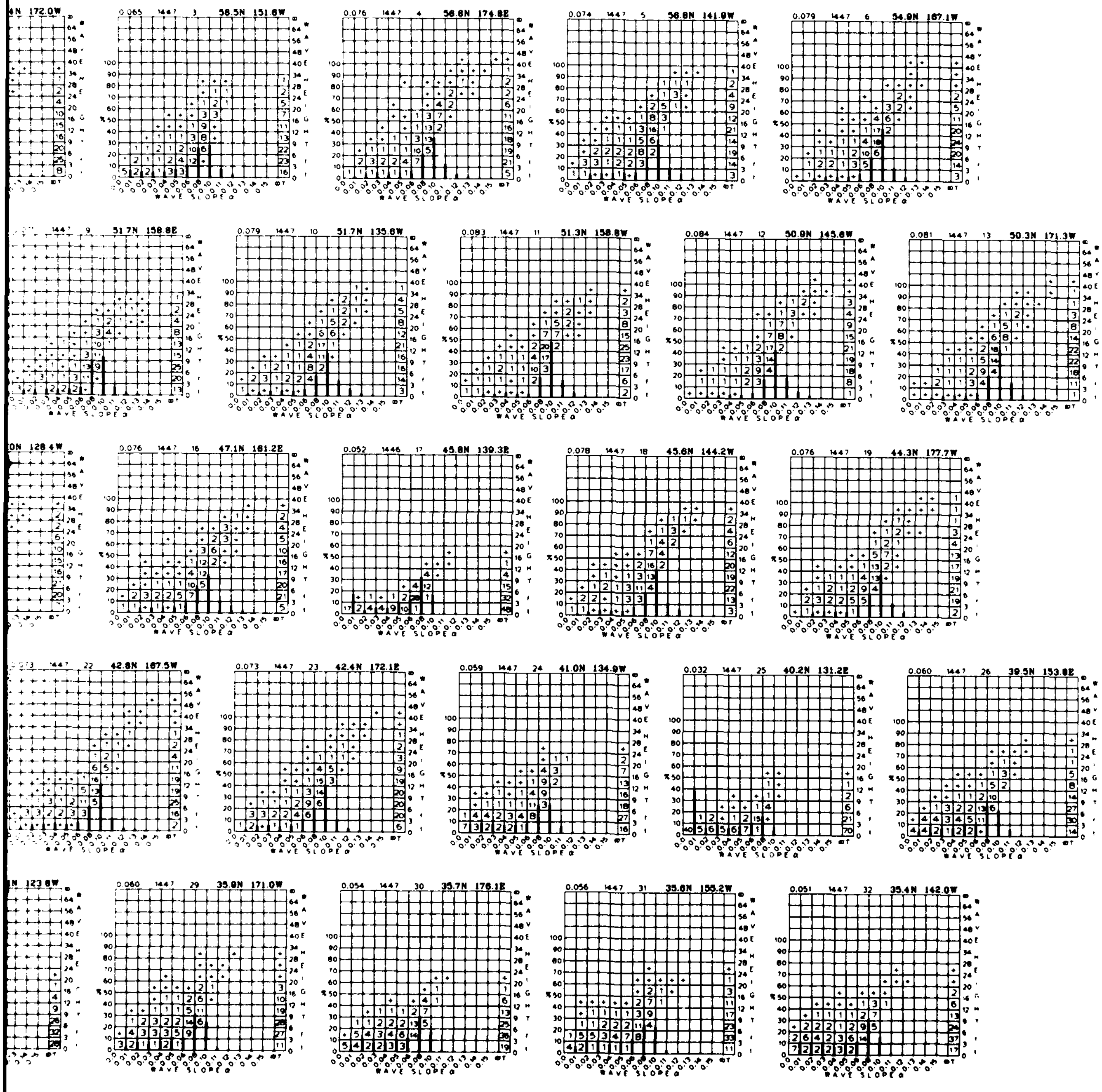
OCTOBER

WAVE HEIG



WAVE HEIGHT AND WAVE SLOPE (α)



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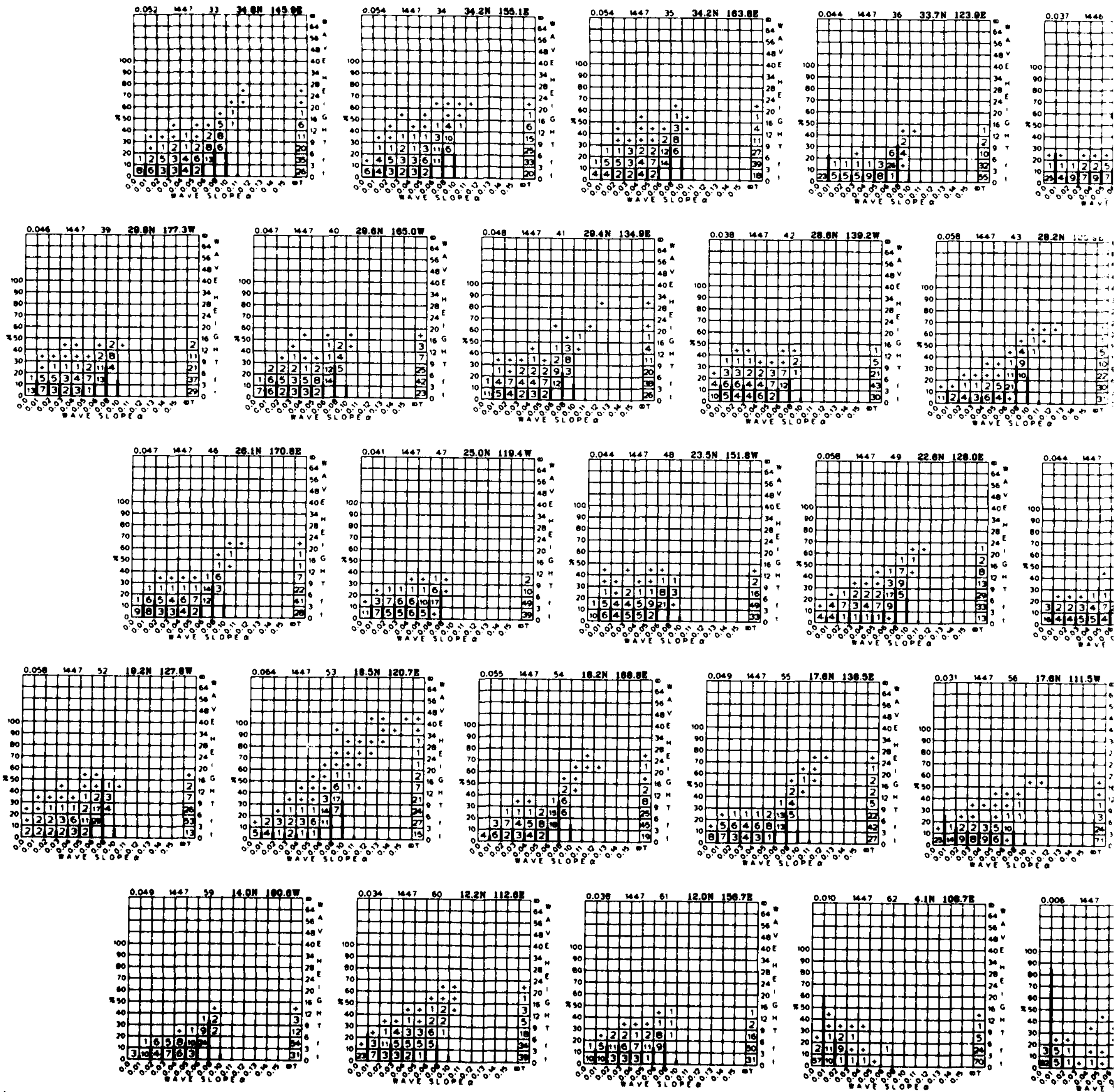
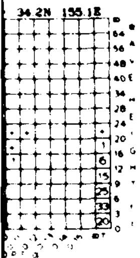
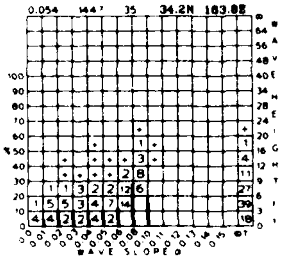
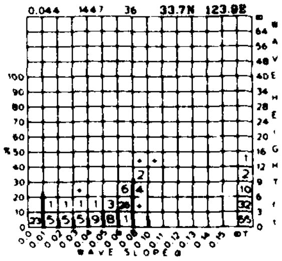
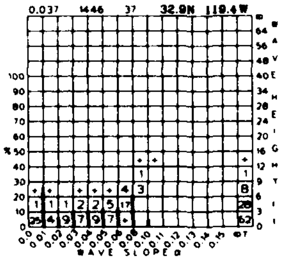


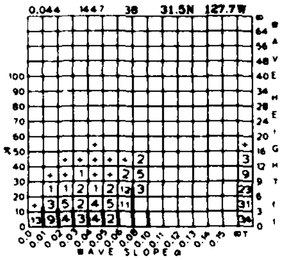
VE SLOPE (α) (Cont'd) OCTOBER

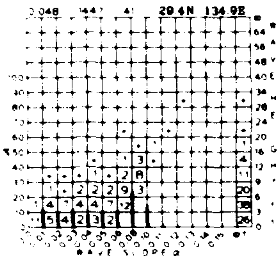


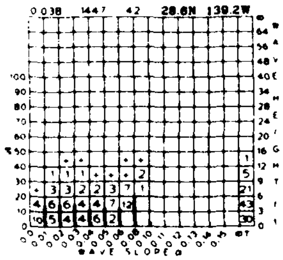


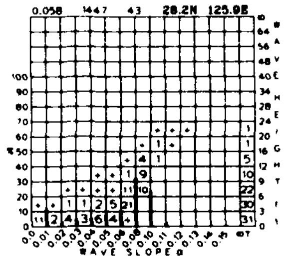


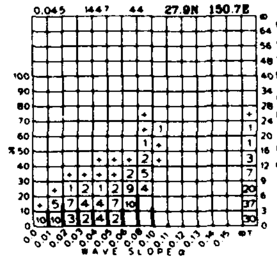


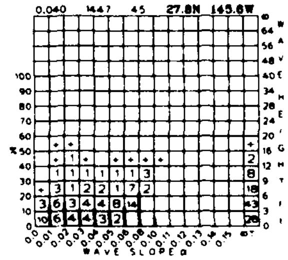


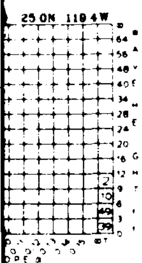


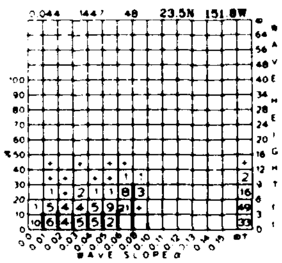


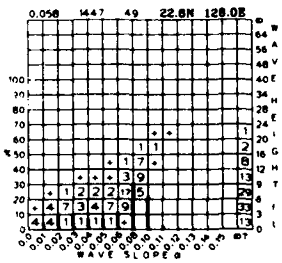


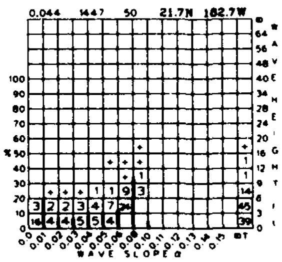


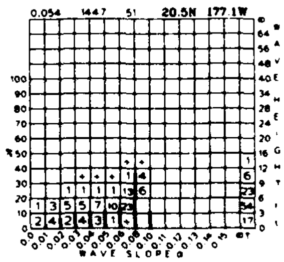


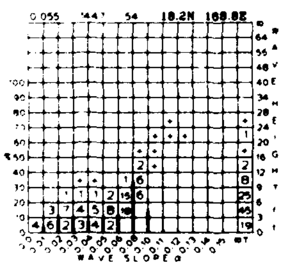


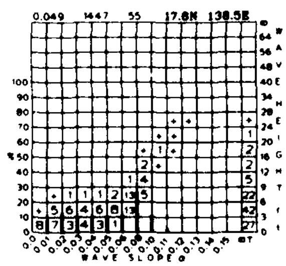


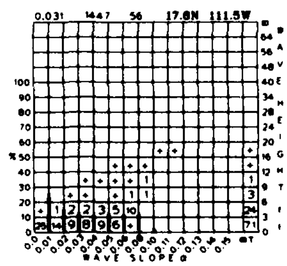


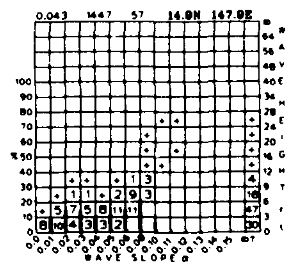


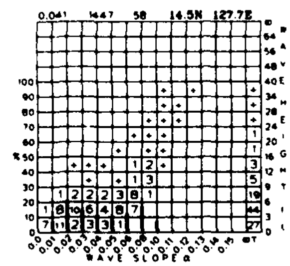


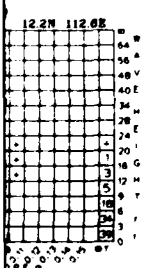


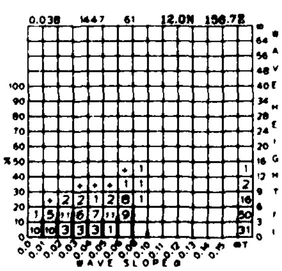


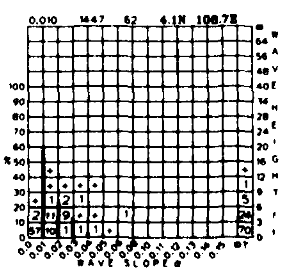


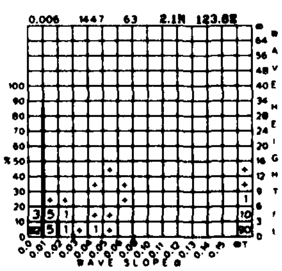






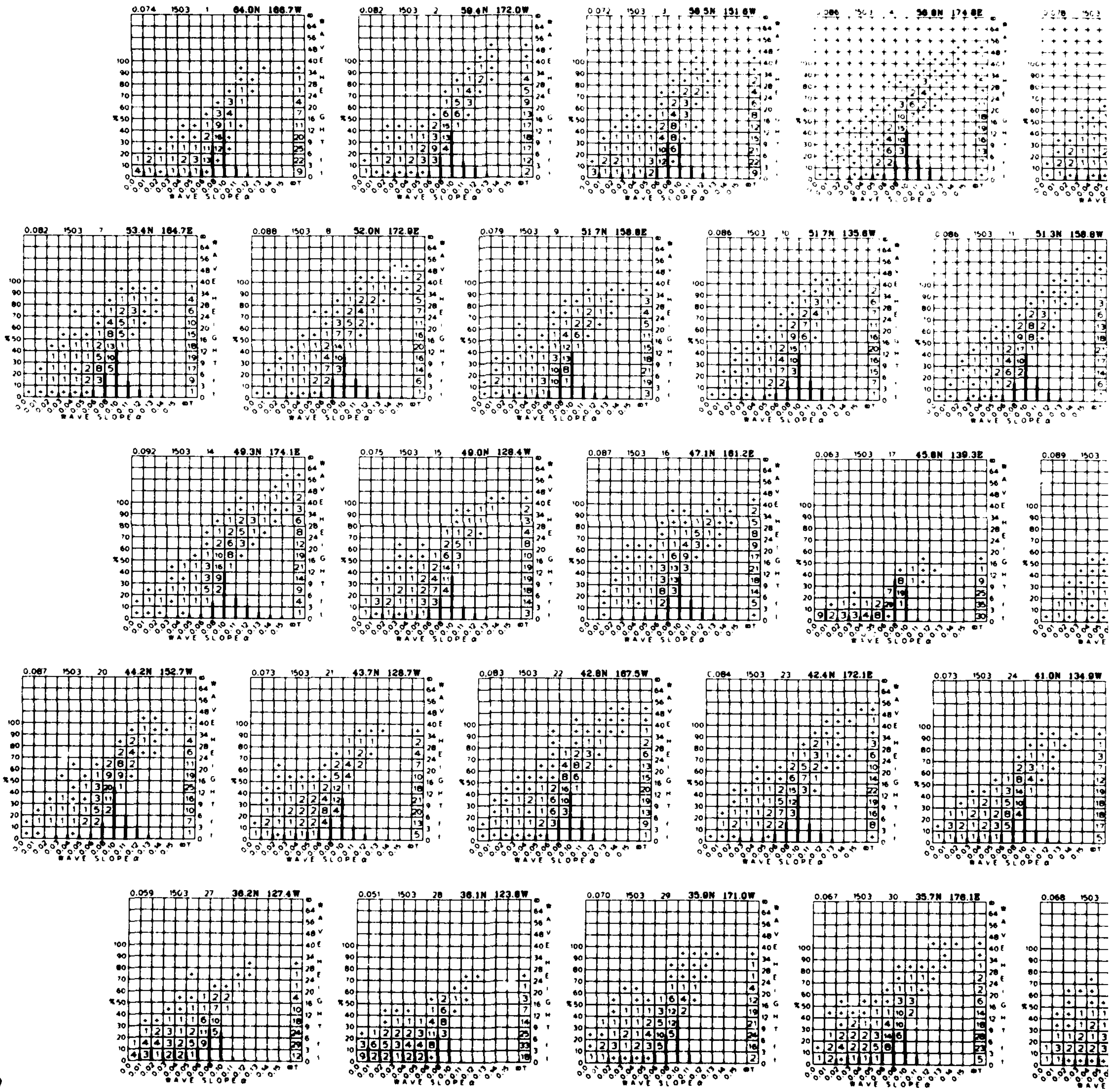






NOVEMBER

WAVE HEI



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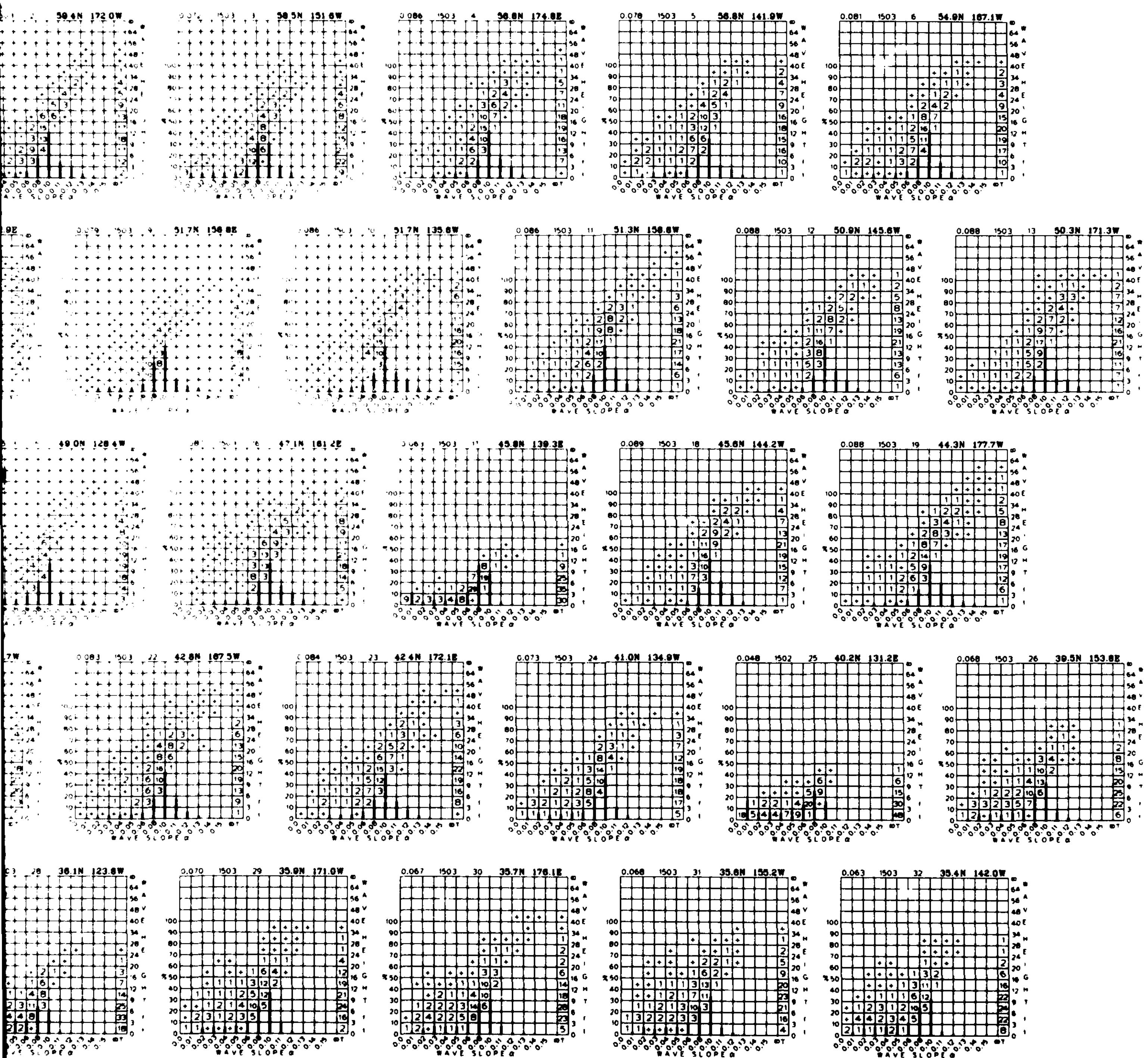
WAVE HEIGHT AND WAVE SLOPE (α)



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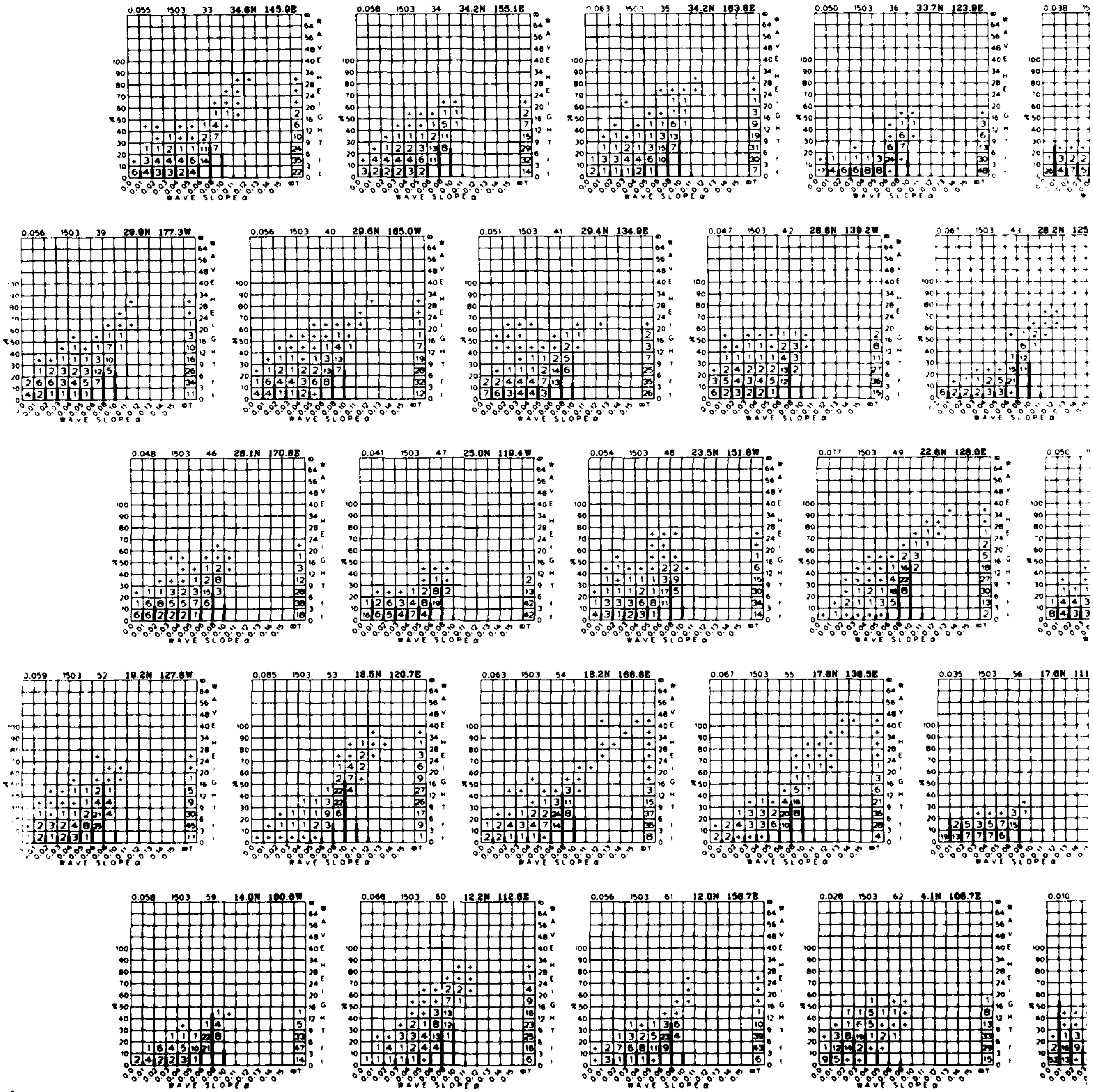
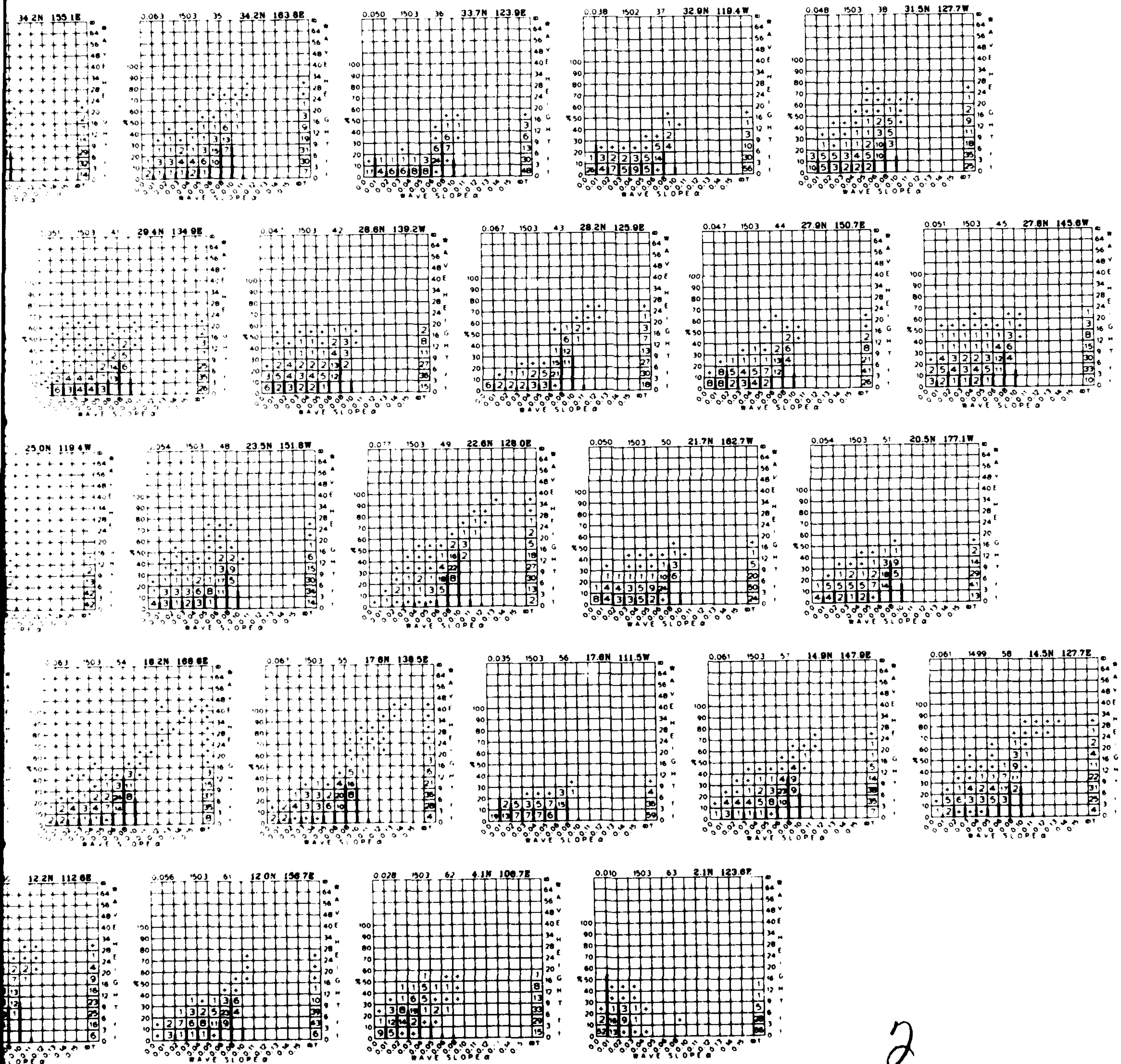


VE SLOPE (α) (Cont'd)

NOVEMBER



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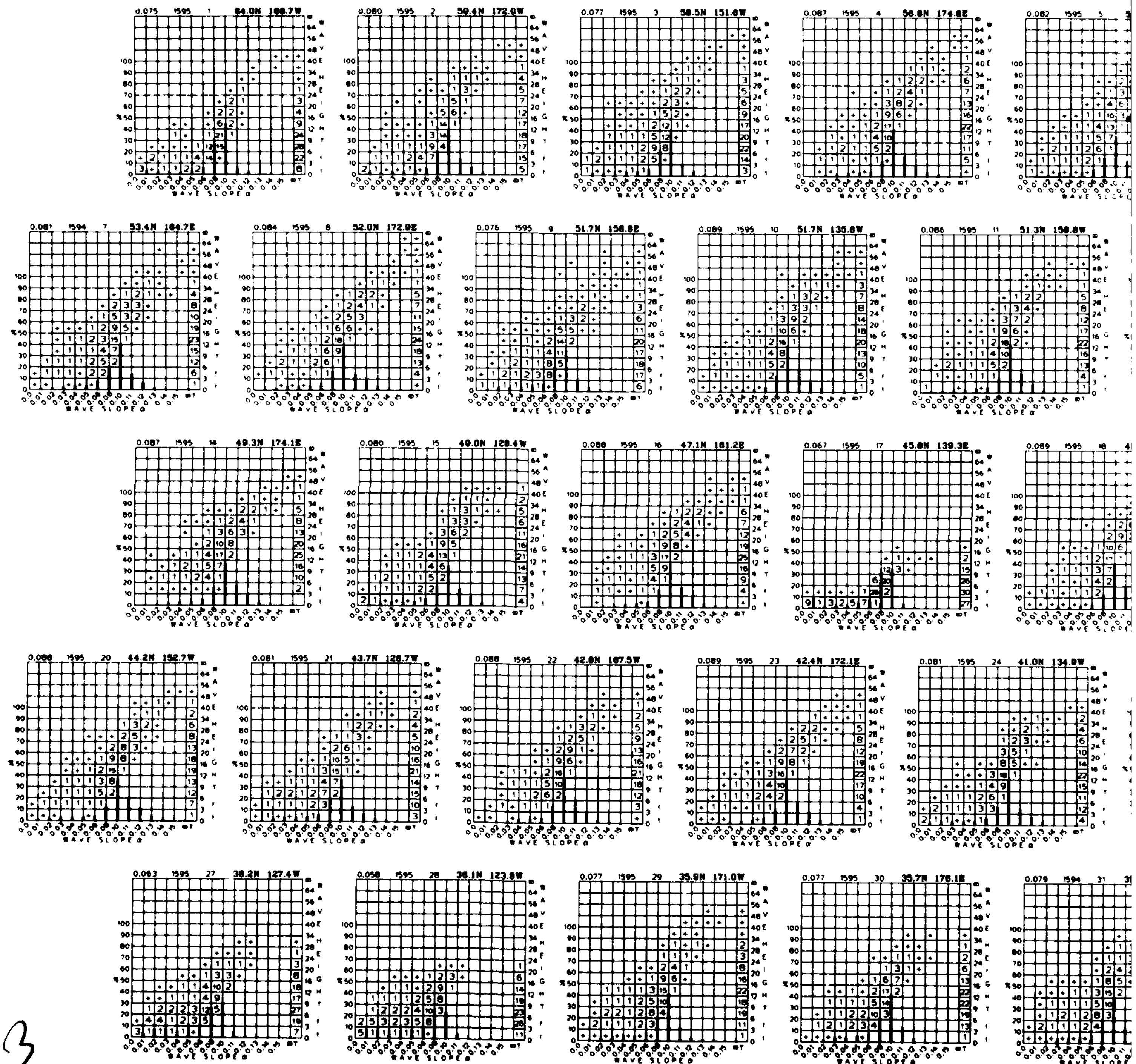

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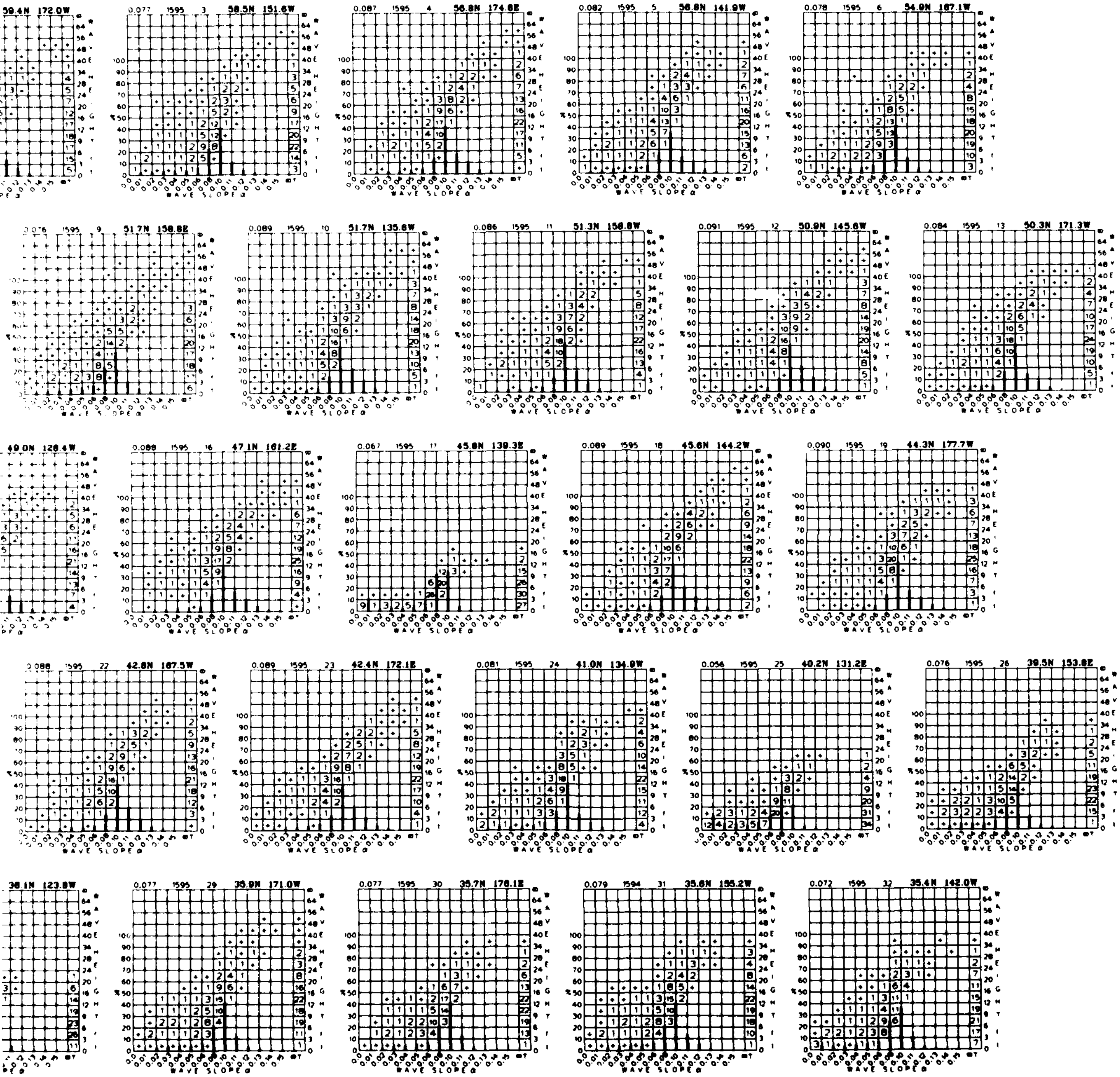
WAVE HEIGHT AND WAVE SLOPE (α)



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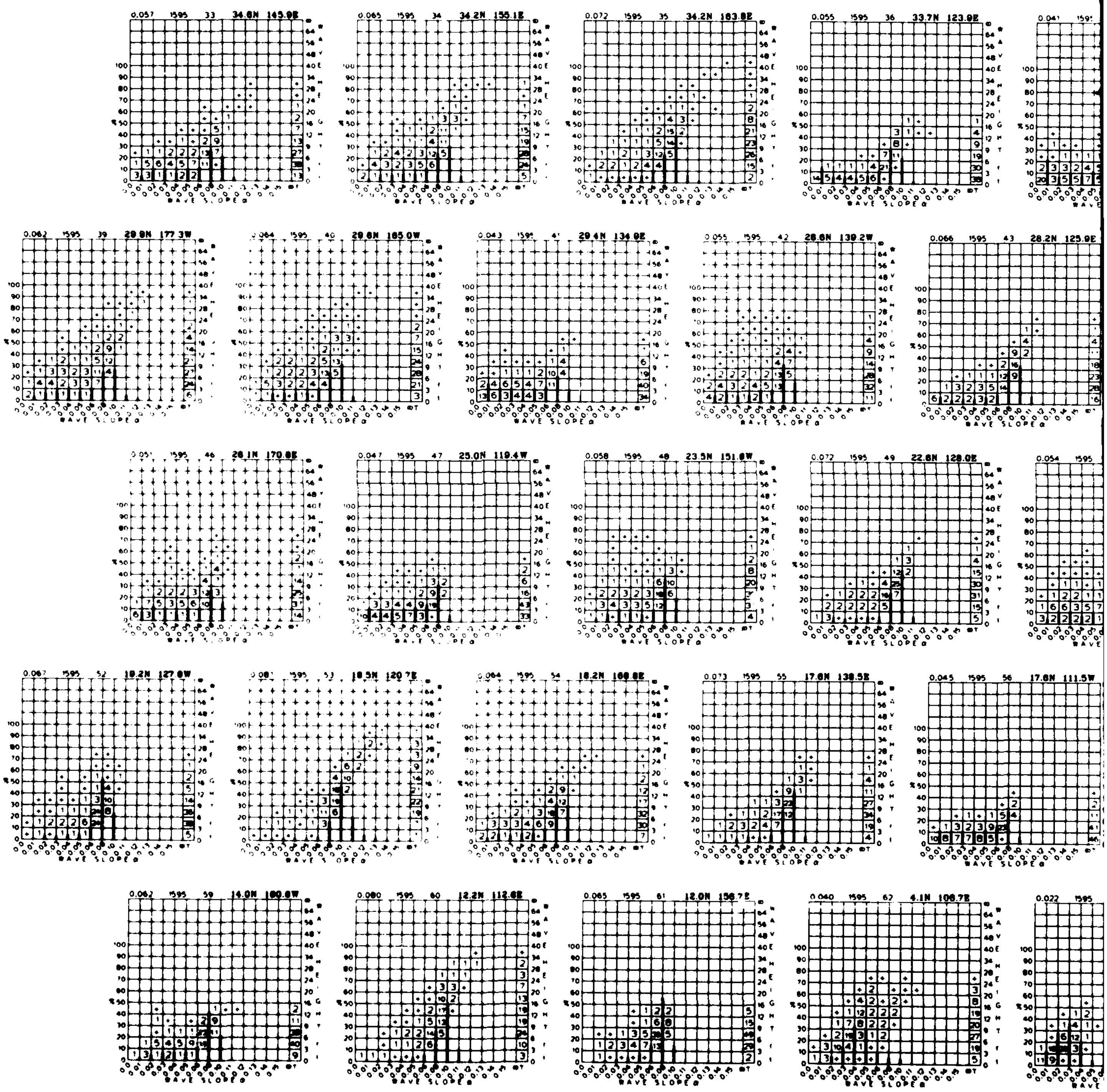
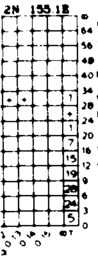
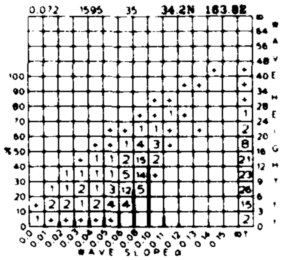
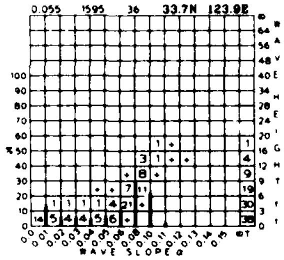


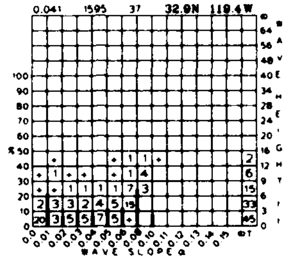
'E SLOPE (α) (Cont'd)

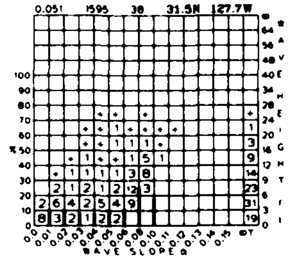
DECEMBER

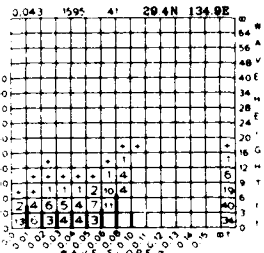


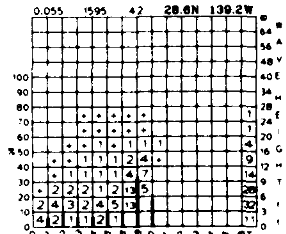


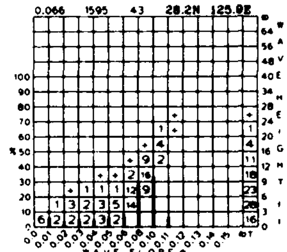


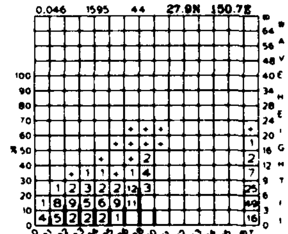


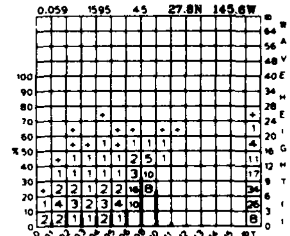


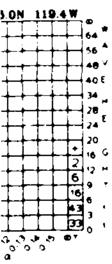


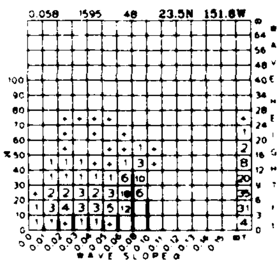


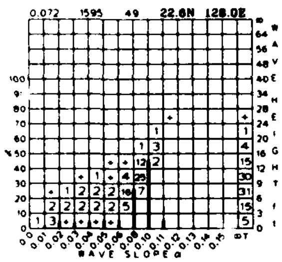


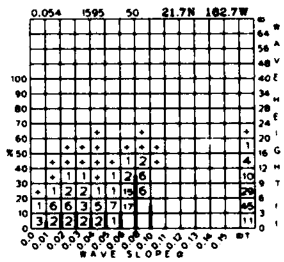


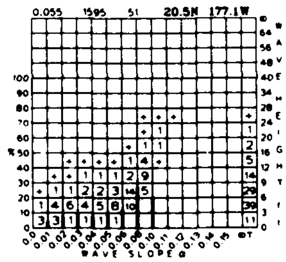


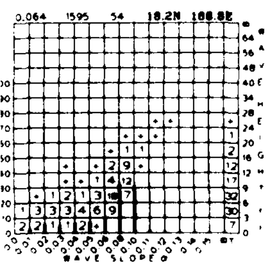


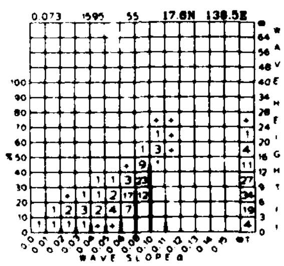


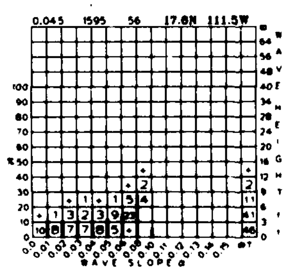


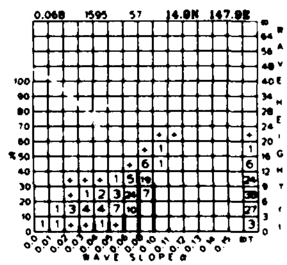


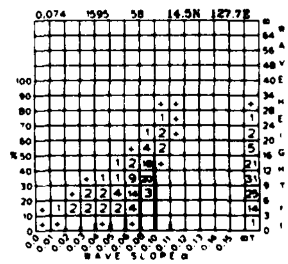


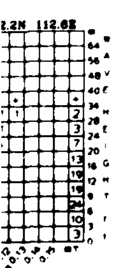


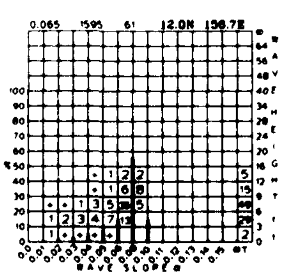


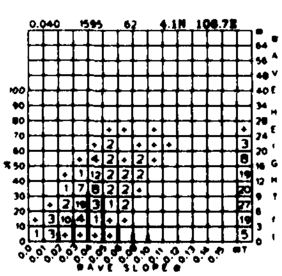


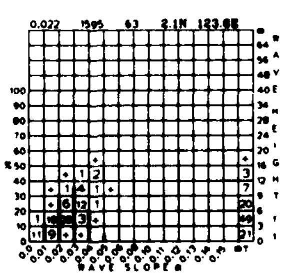












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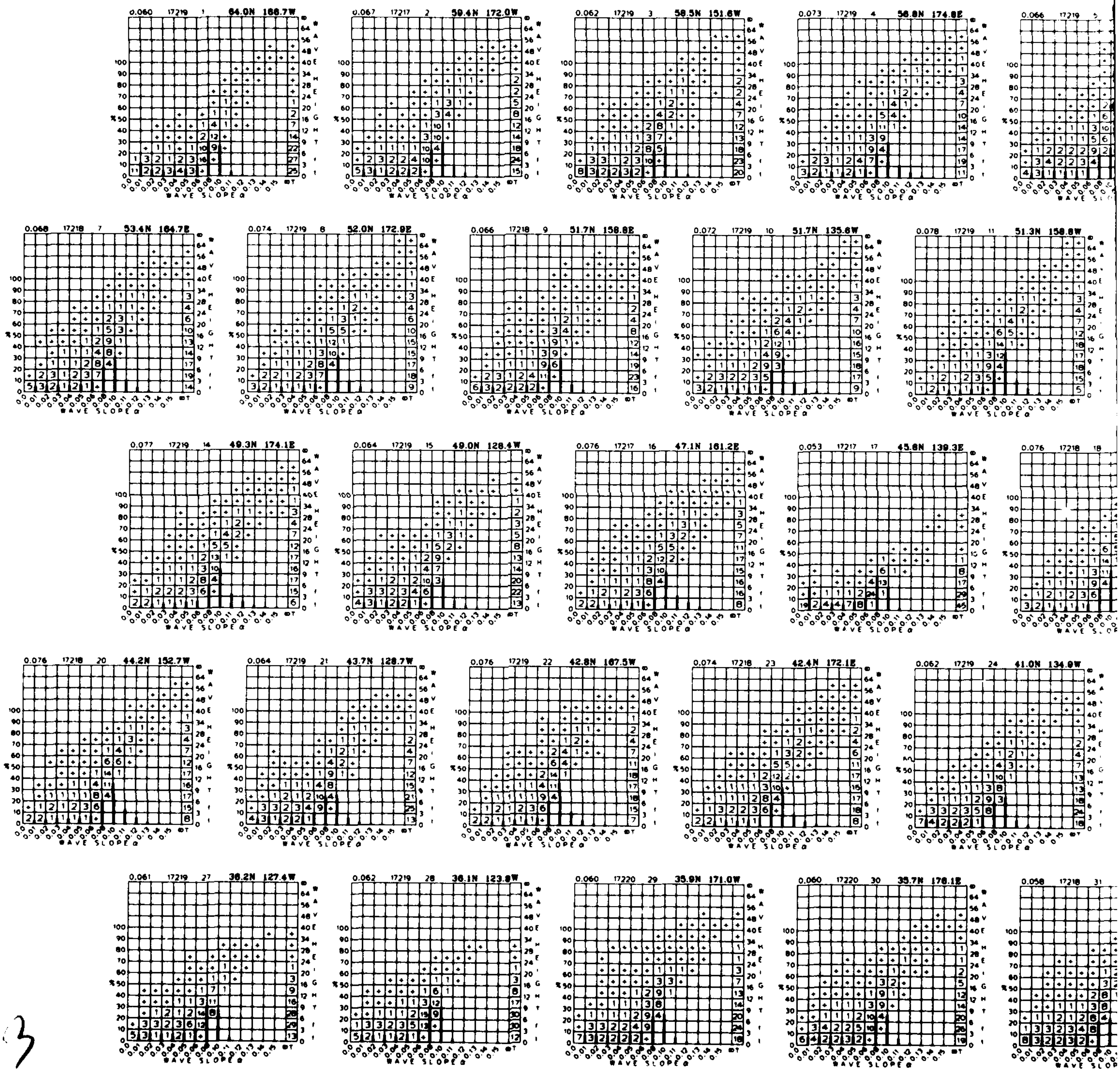
ANNUAL WAVE HEIG



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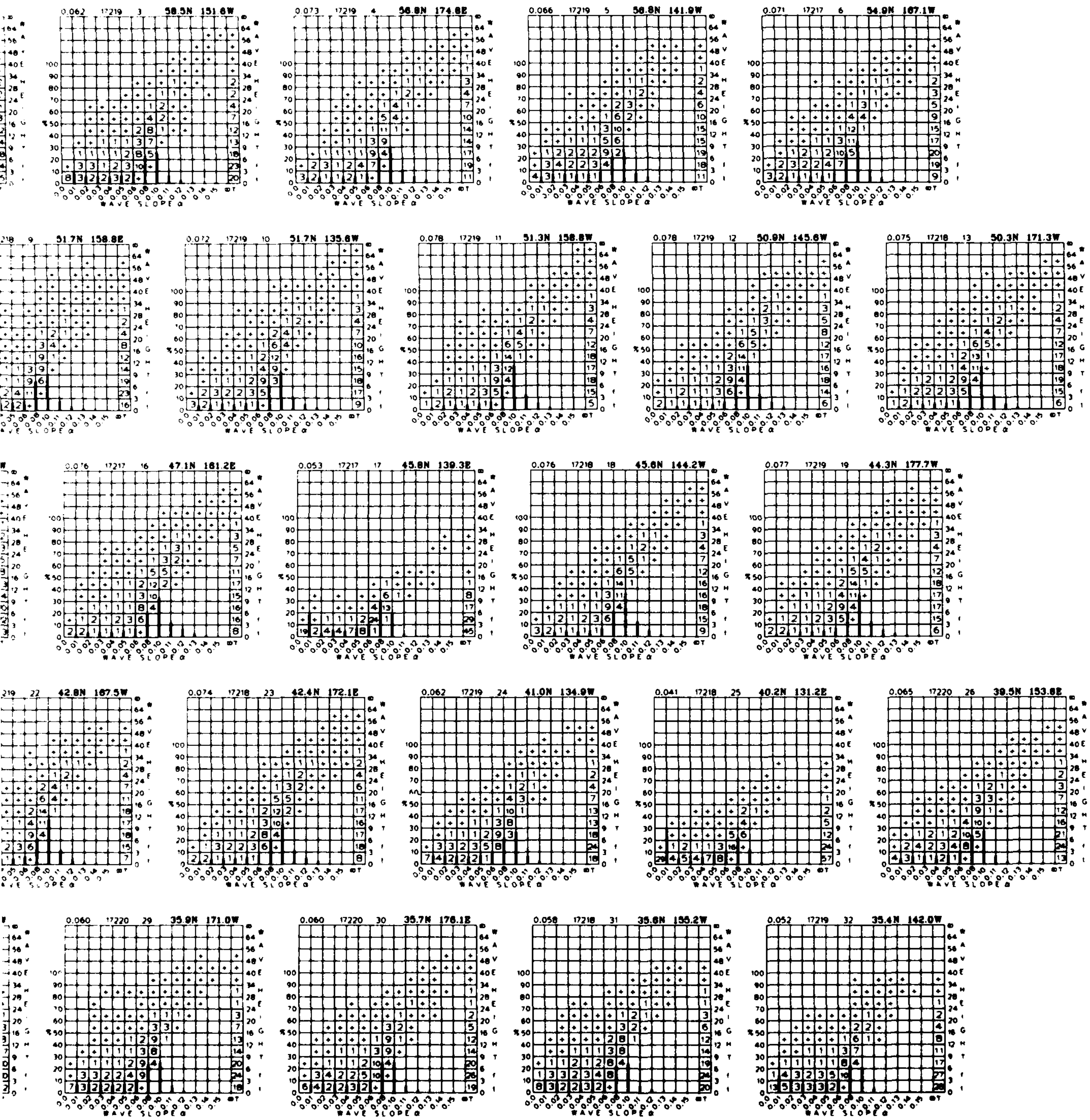
WAVE HEIGHT AND WAVE SLOPE (α)



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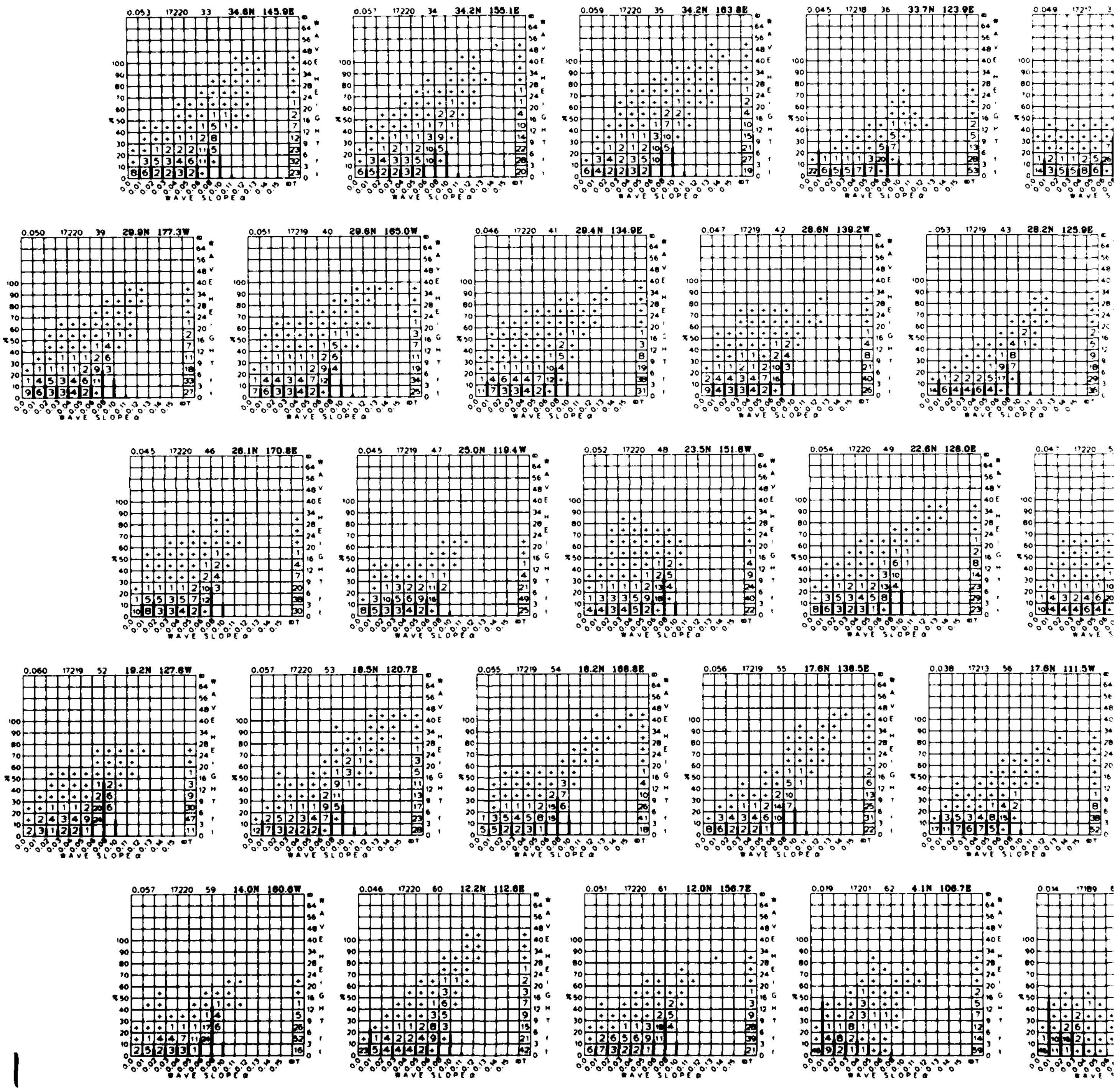
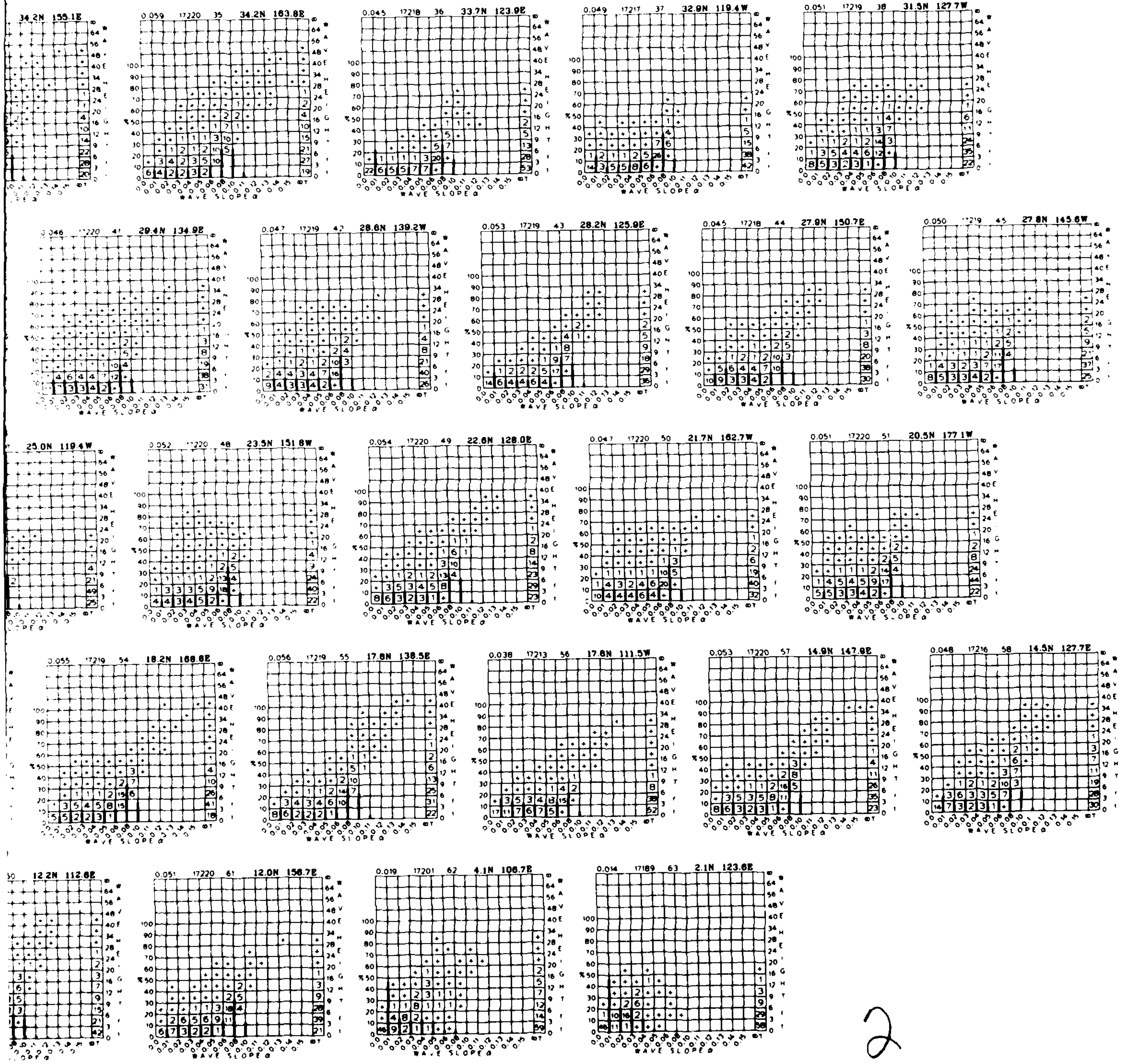
WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)



VE SLOPE (α) (Cont'd)

ANNUAL



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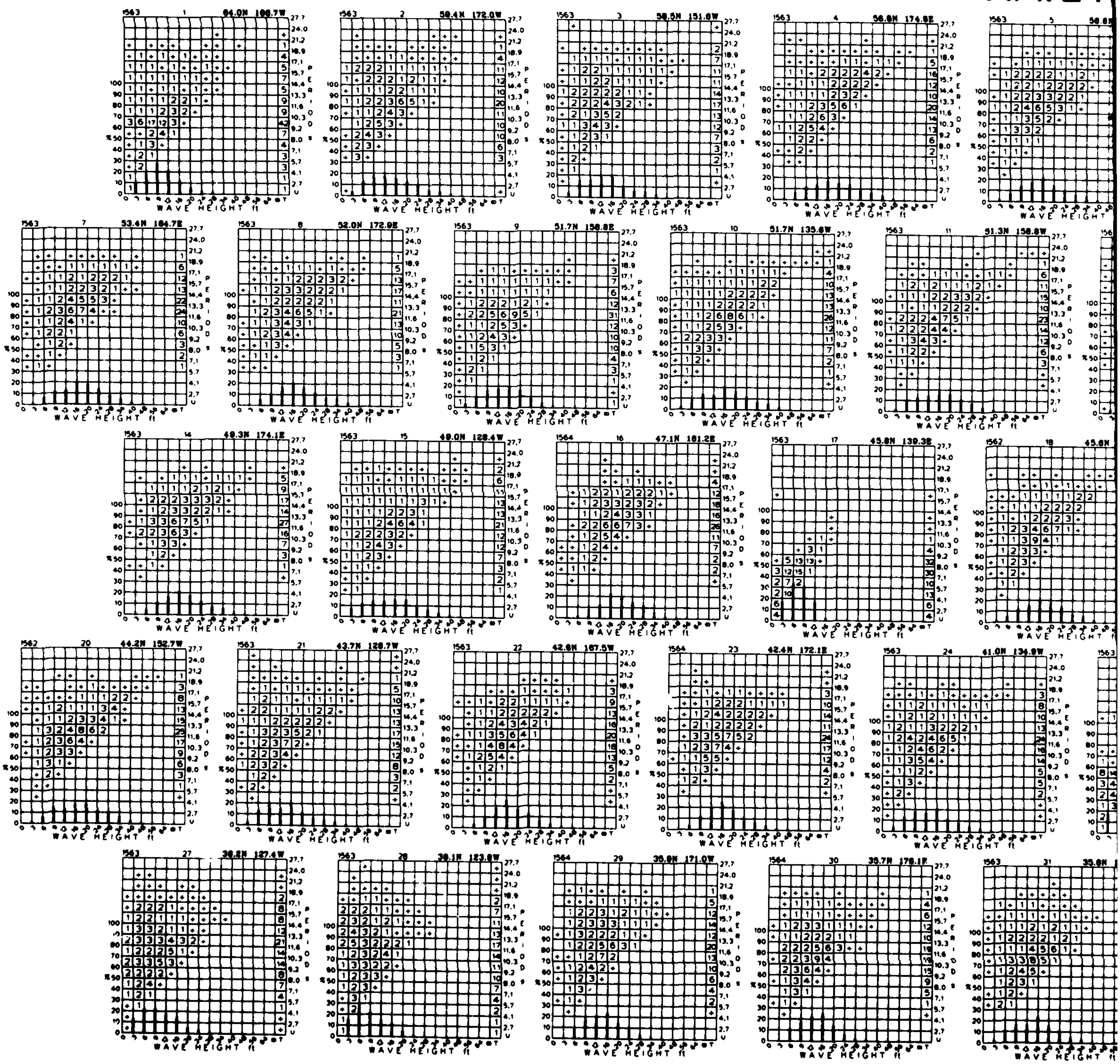
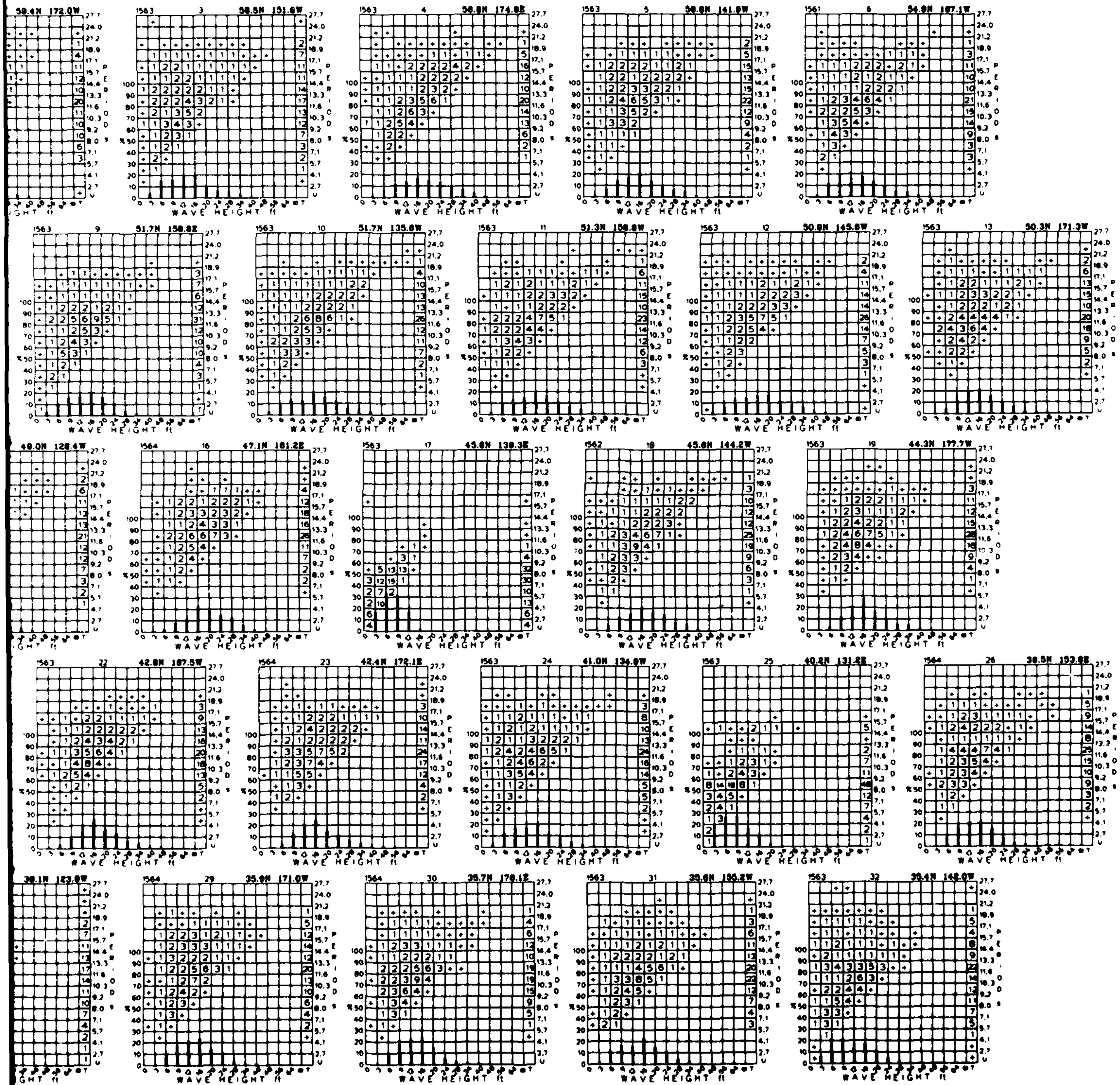
JANUARY

WAVE H



WAVE HEIGHT AND PERIOD



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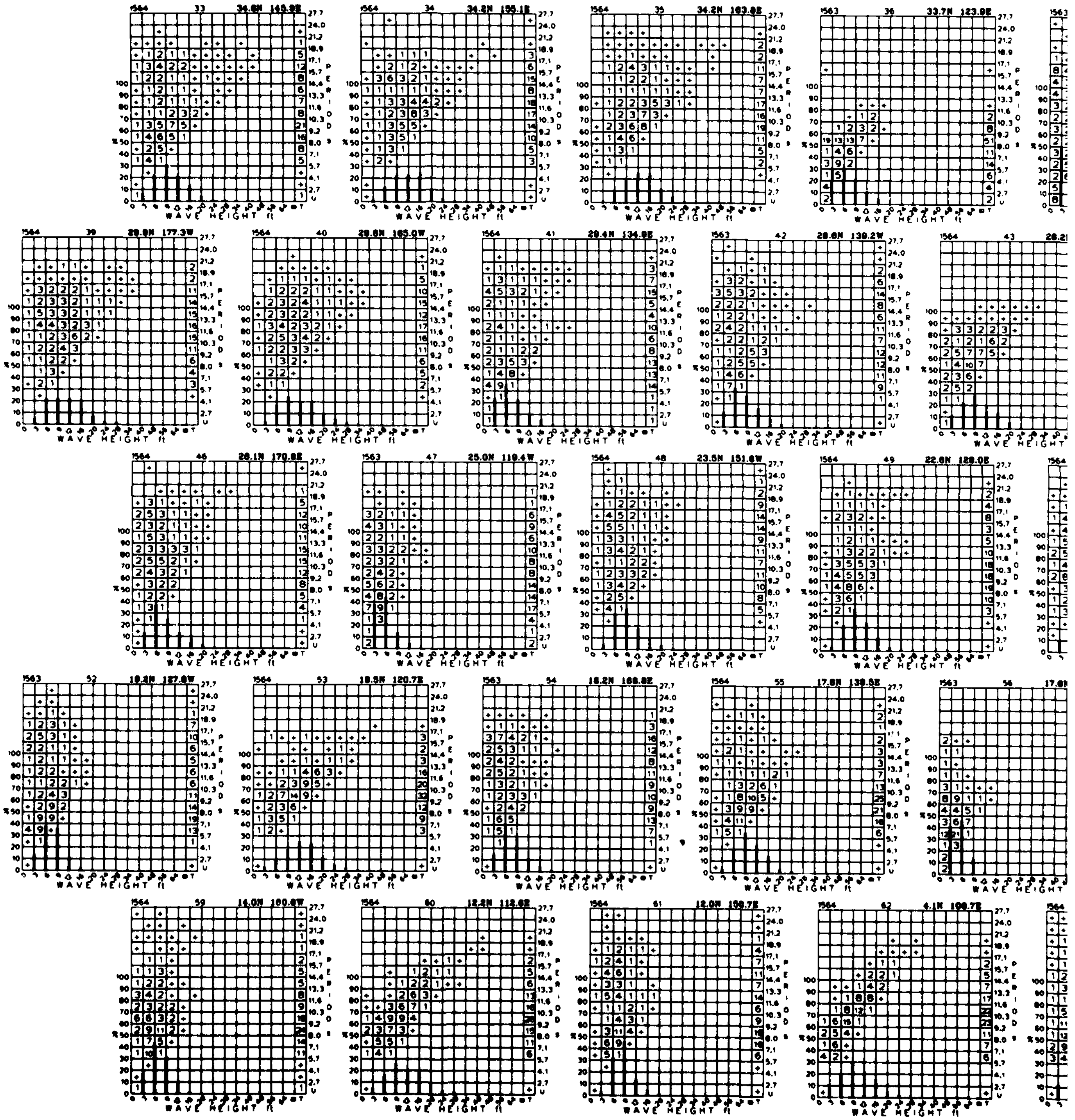

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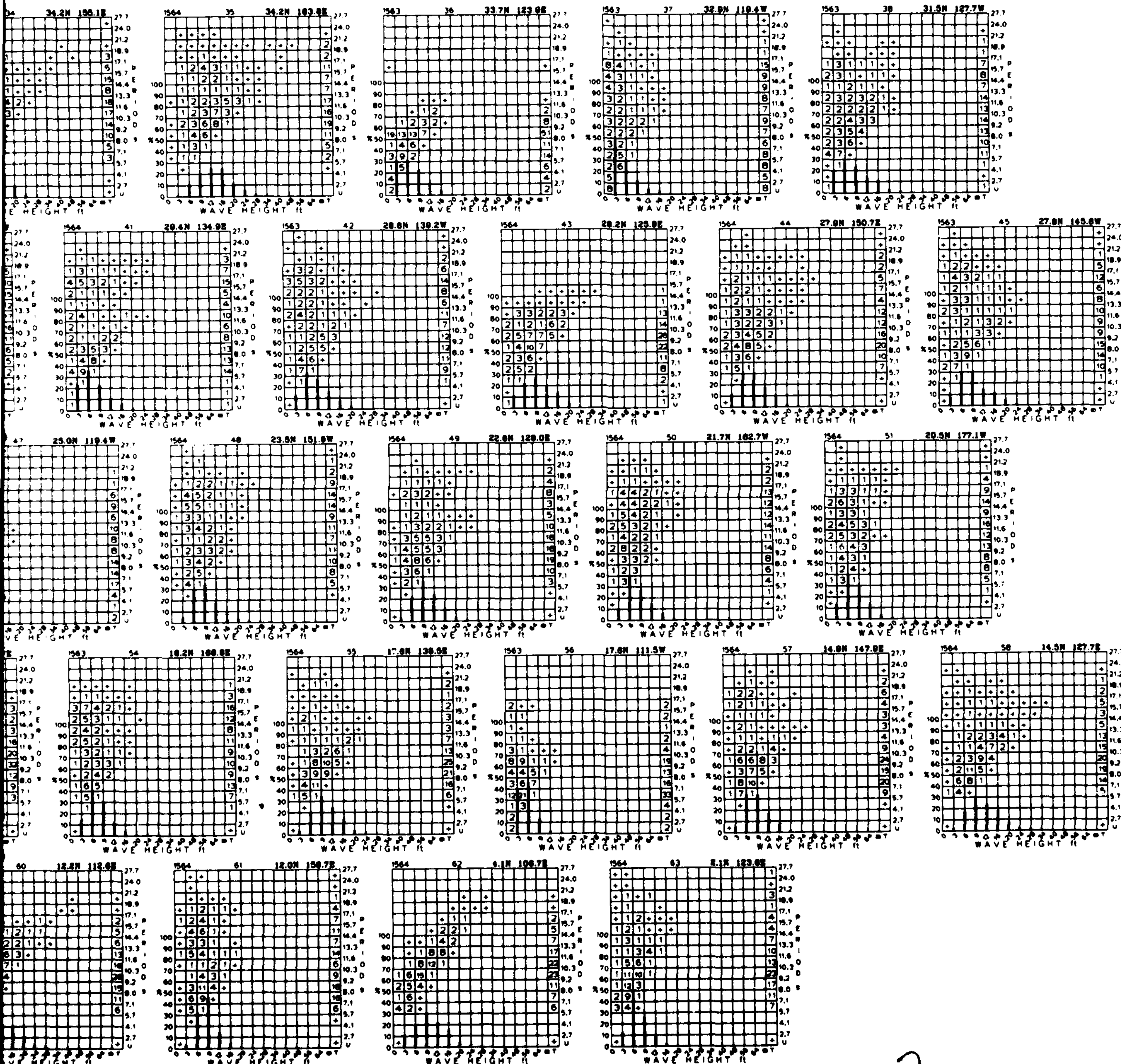

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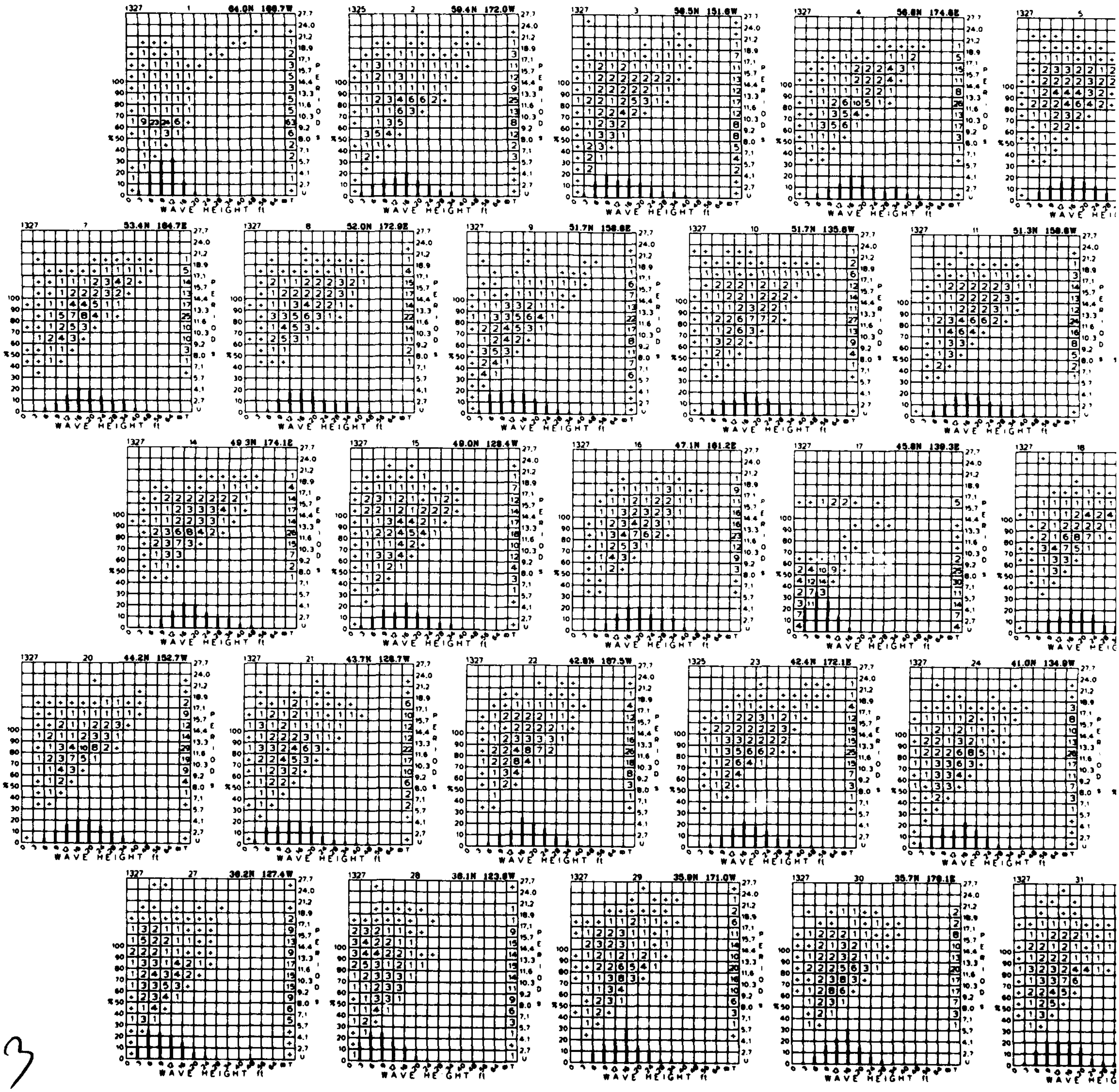
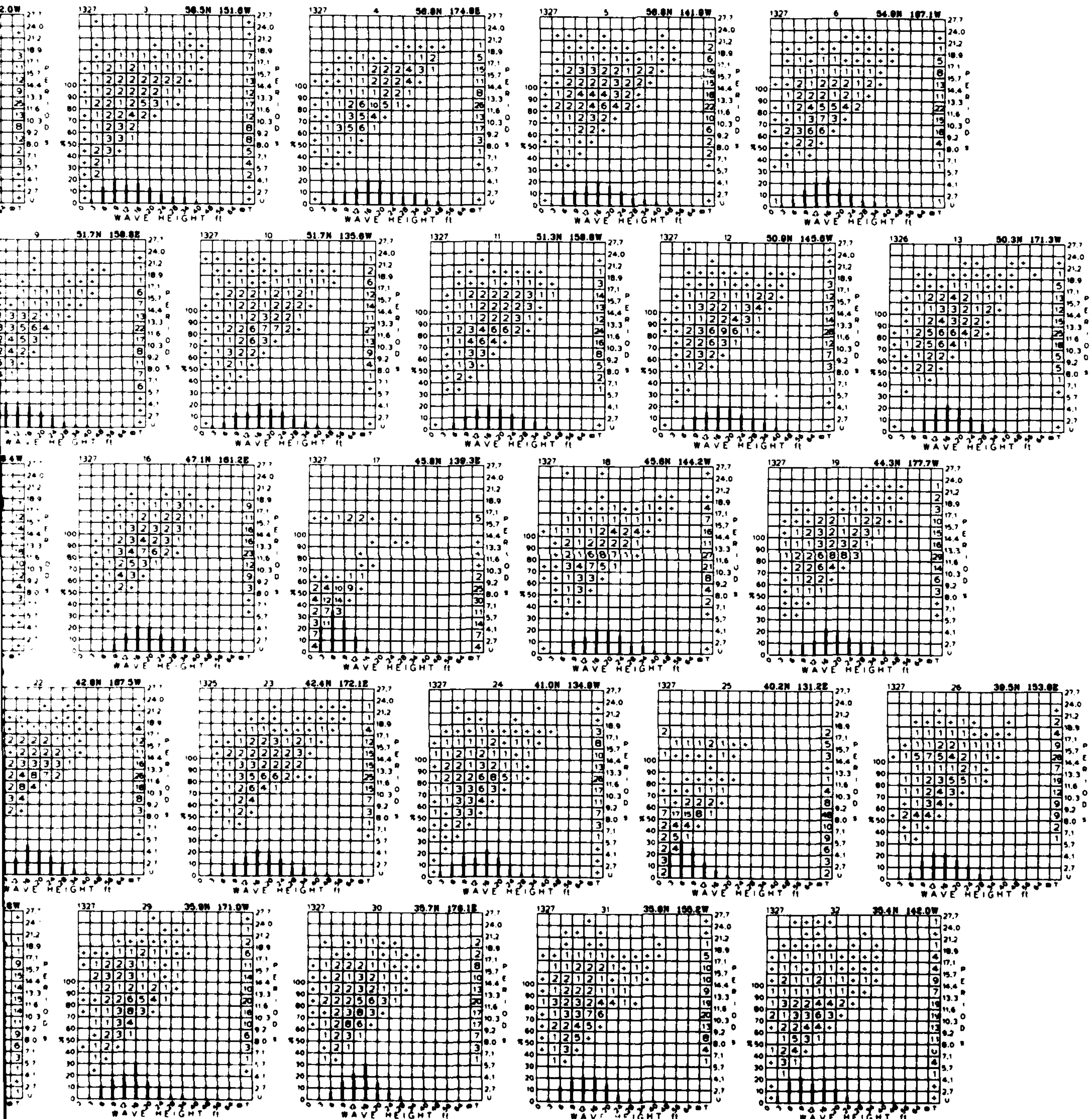
FEBRUARY

WAVE

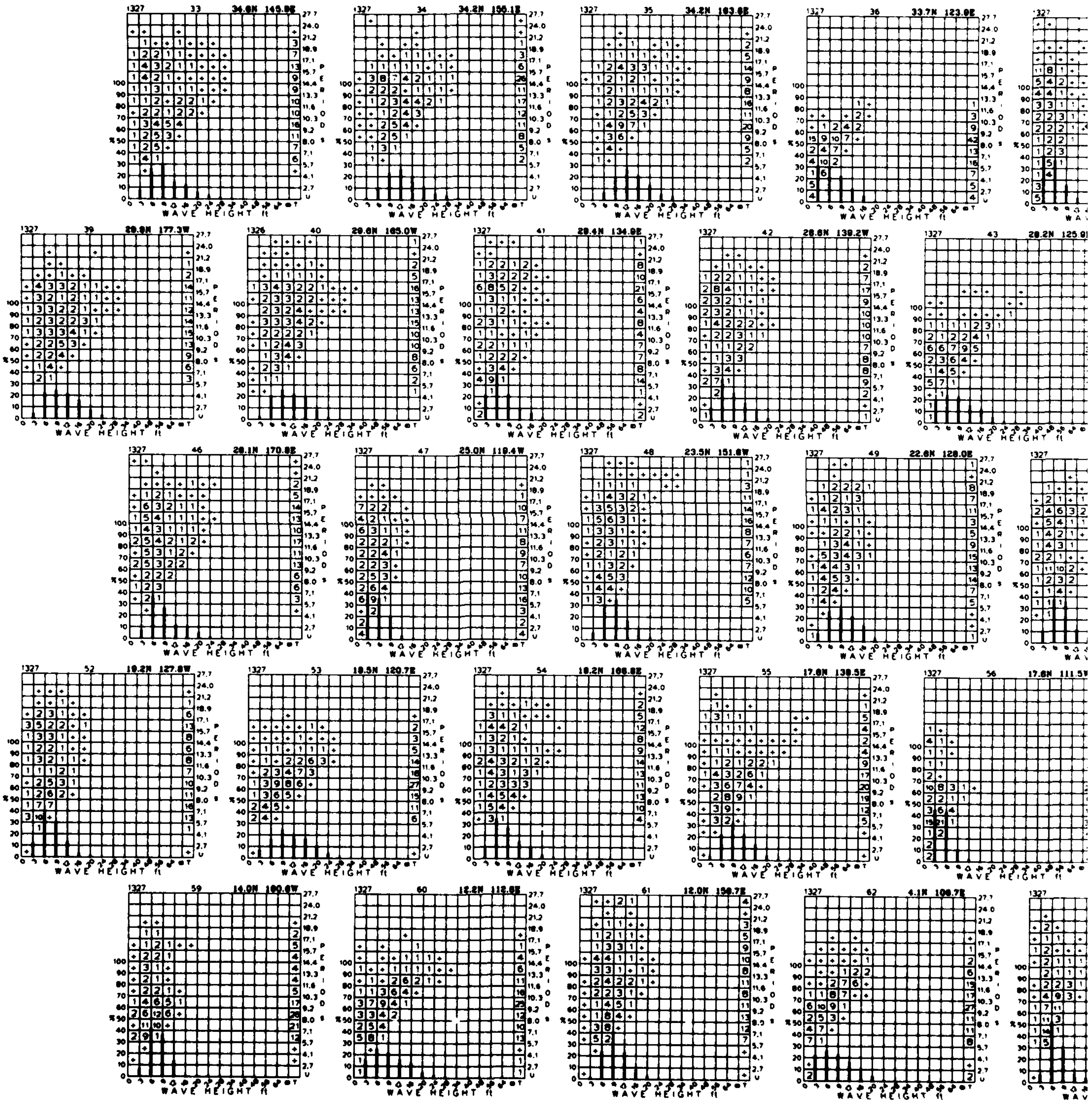


WAVE HEIGHT AND PERIOD



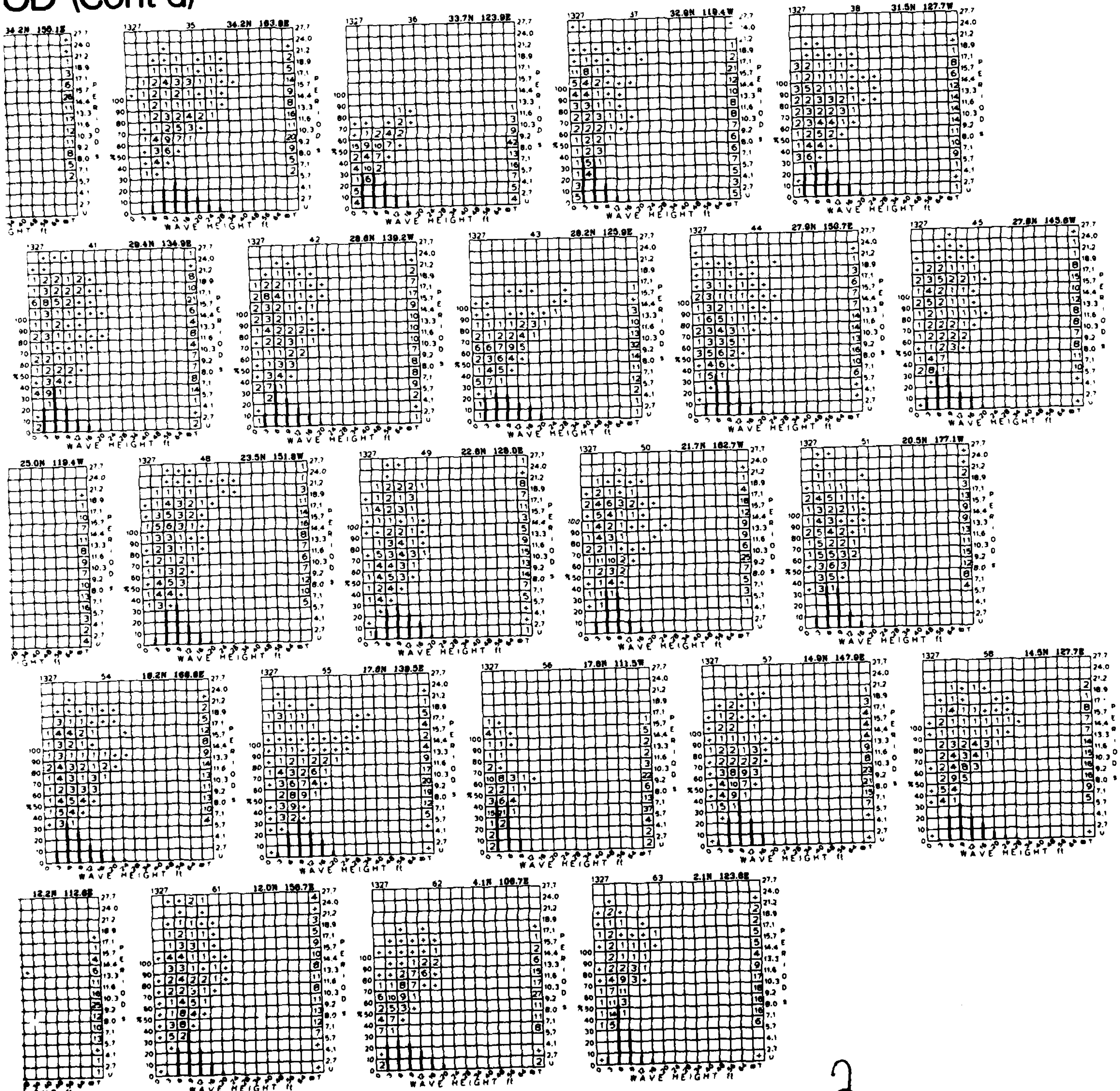
4

WAVE HEIGHT AND PERIOD (Cont'd)



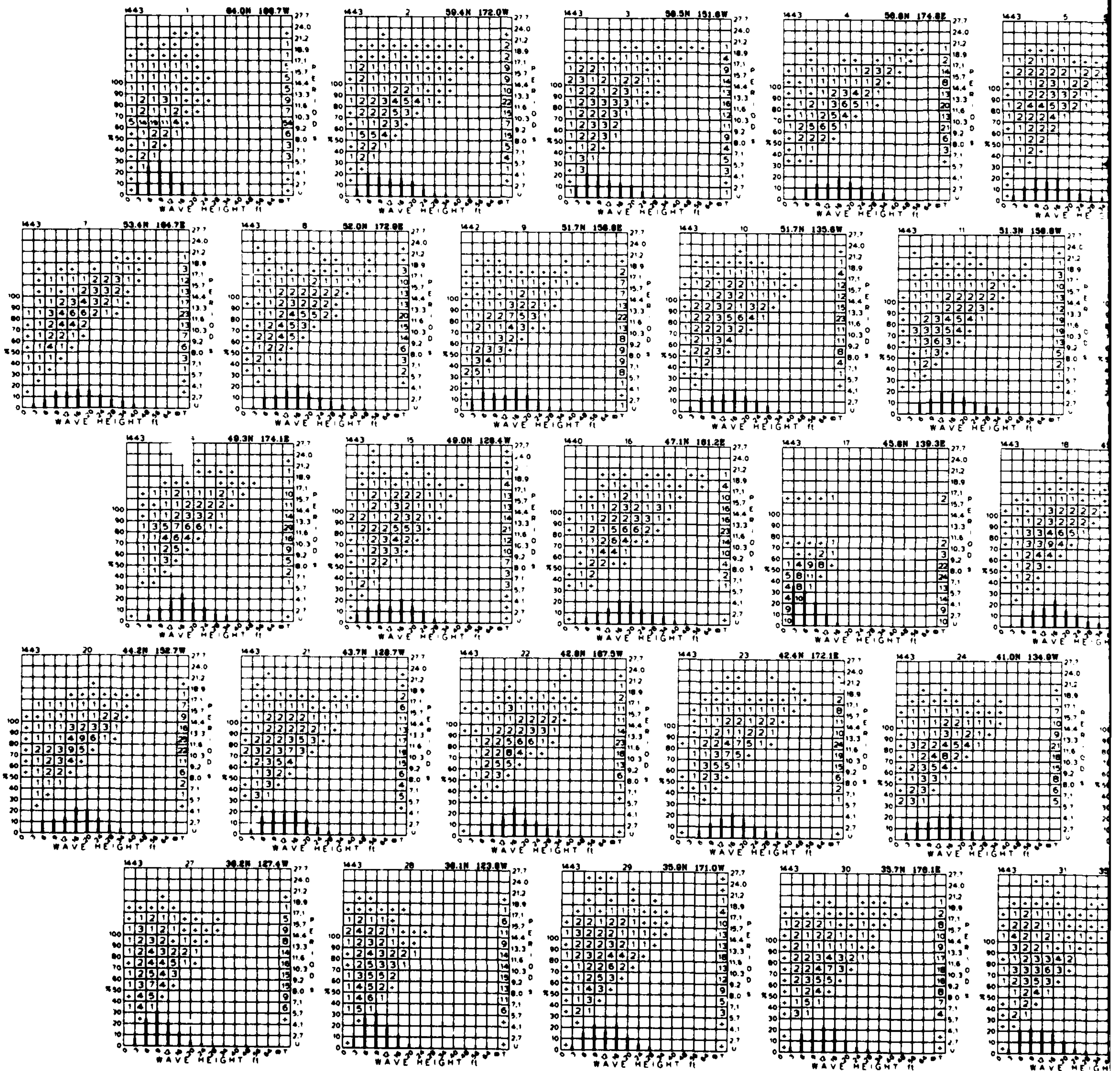
OD (Cont'd)

FEBRUARY



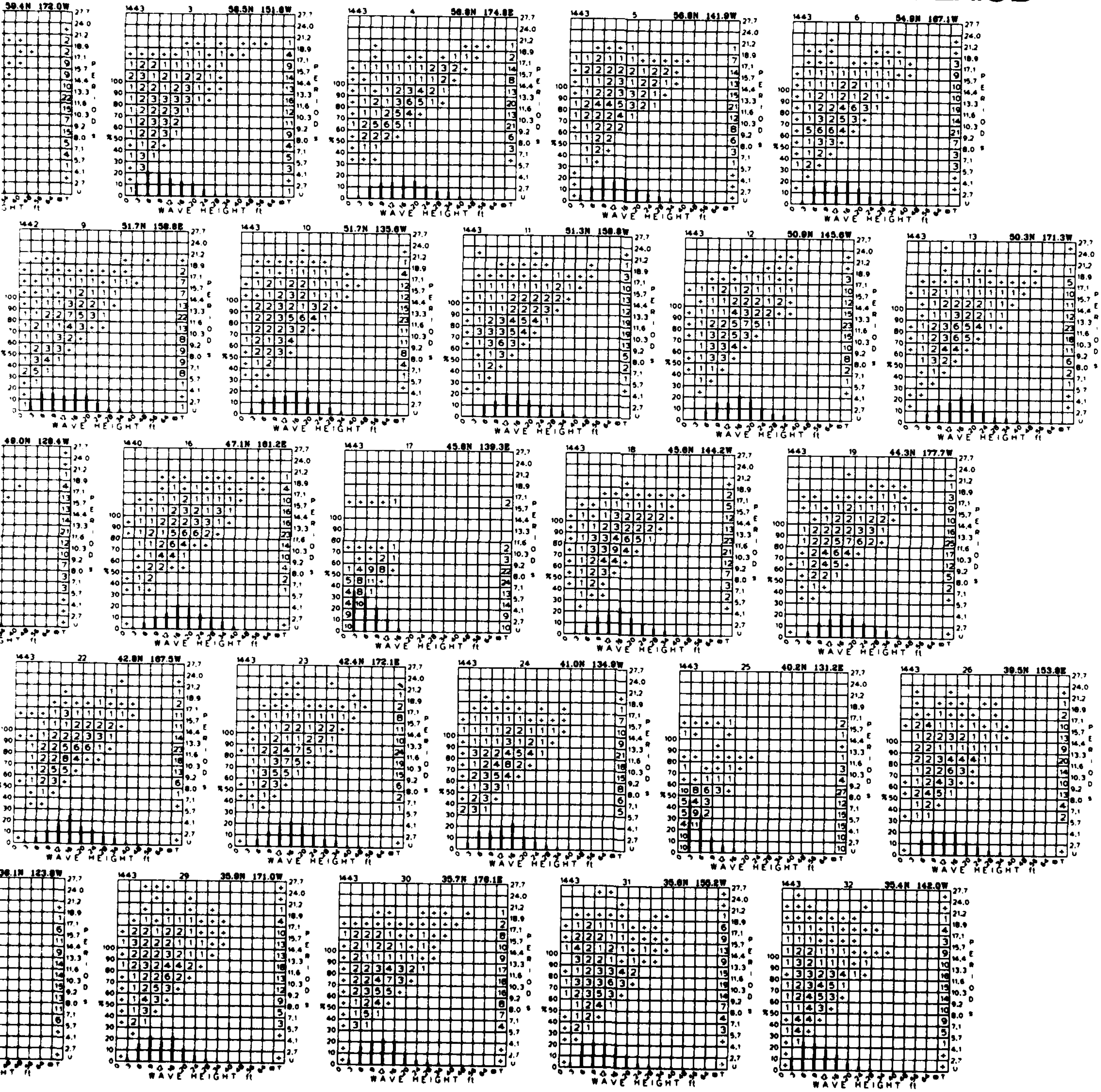
2

MARCH WAVE



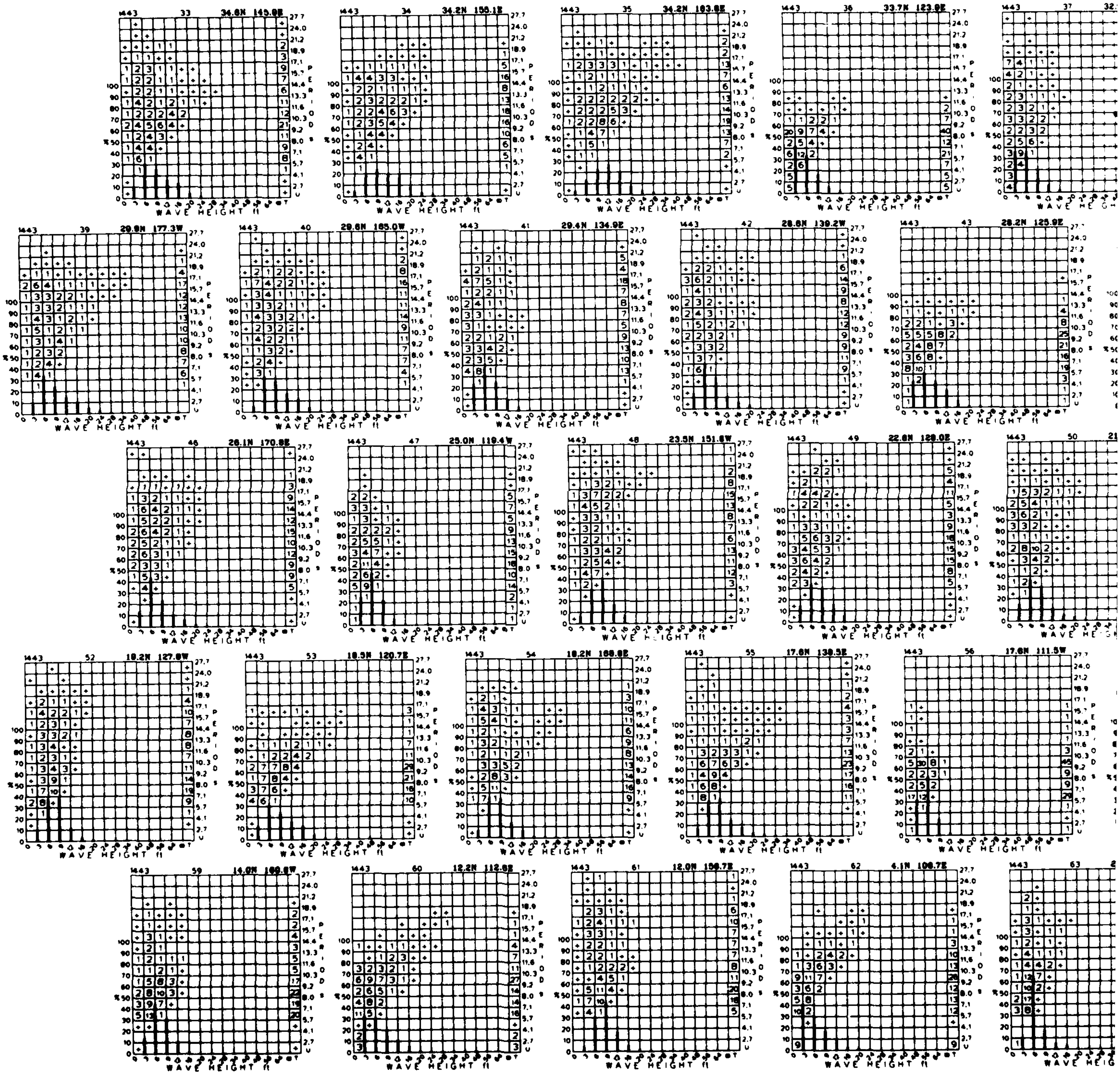
3

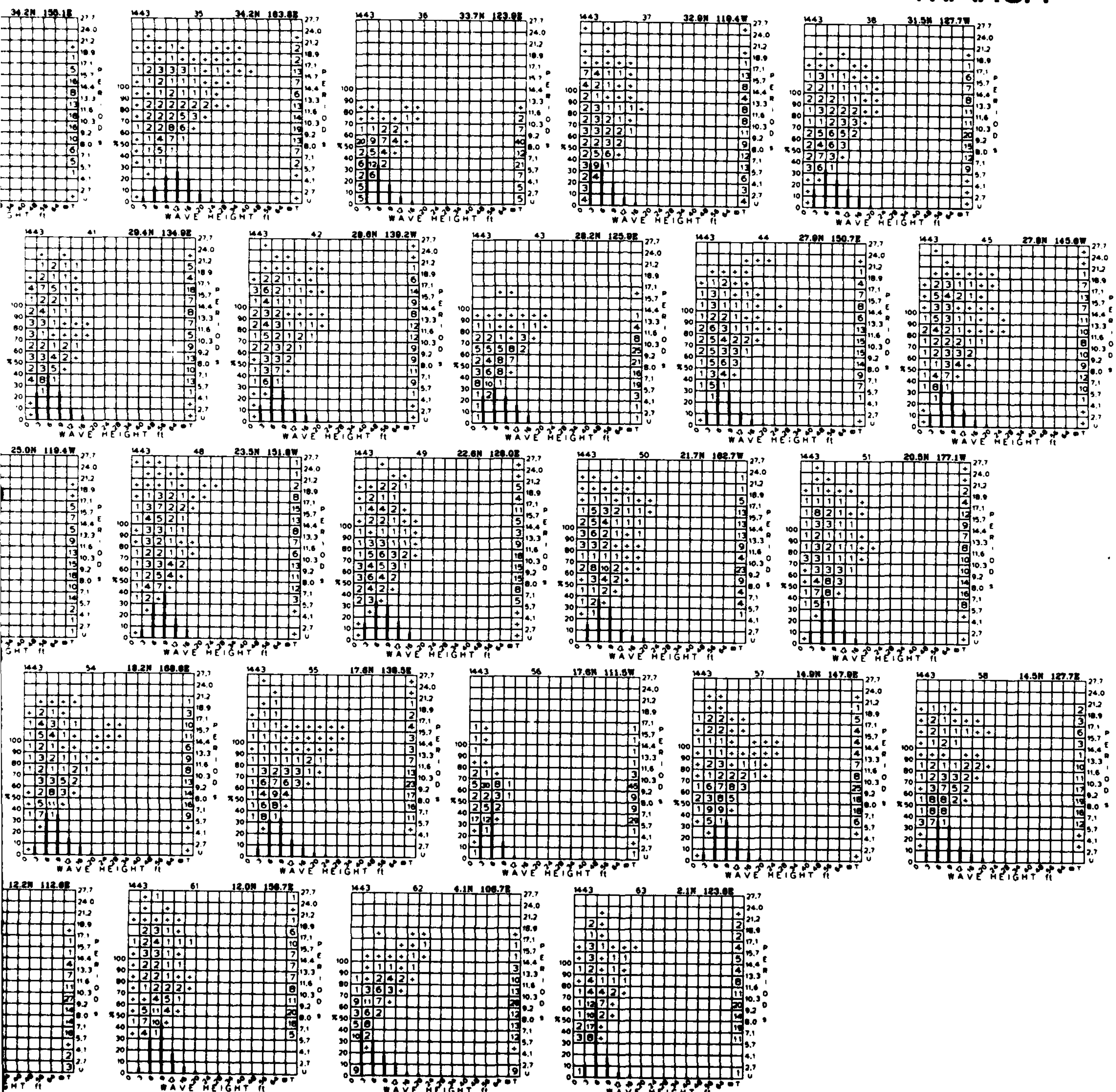
WAVE HEIGHT AND PERIOD



4

WAVE HEIGHT AND PERIOD (Cont'd)

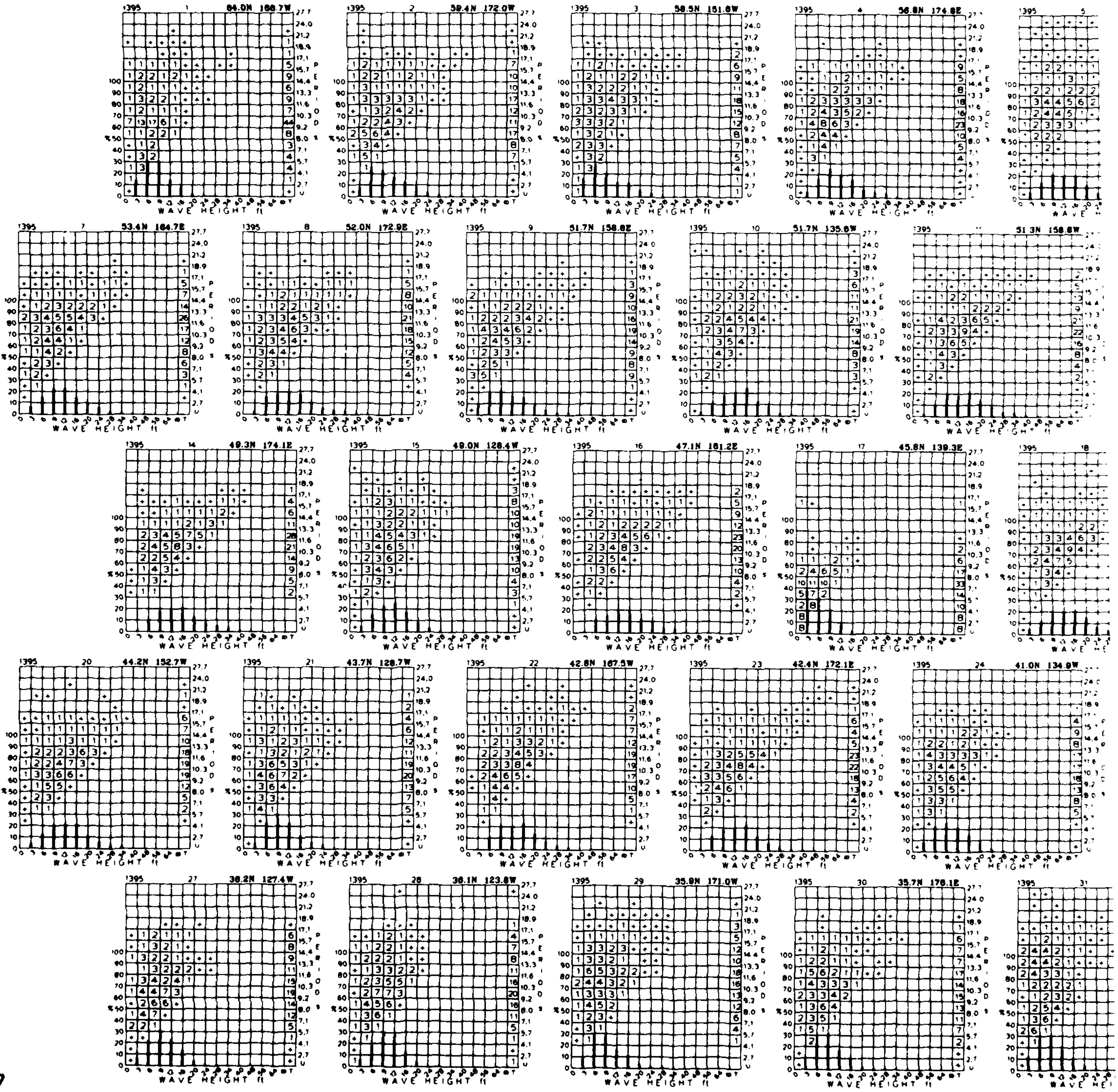




2

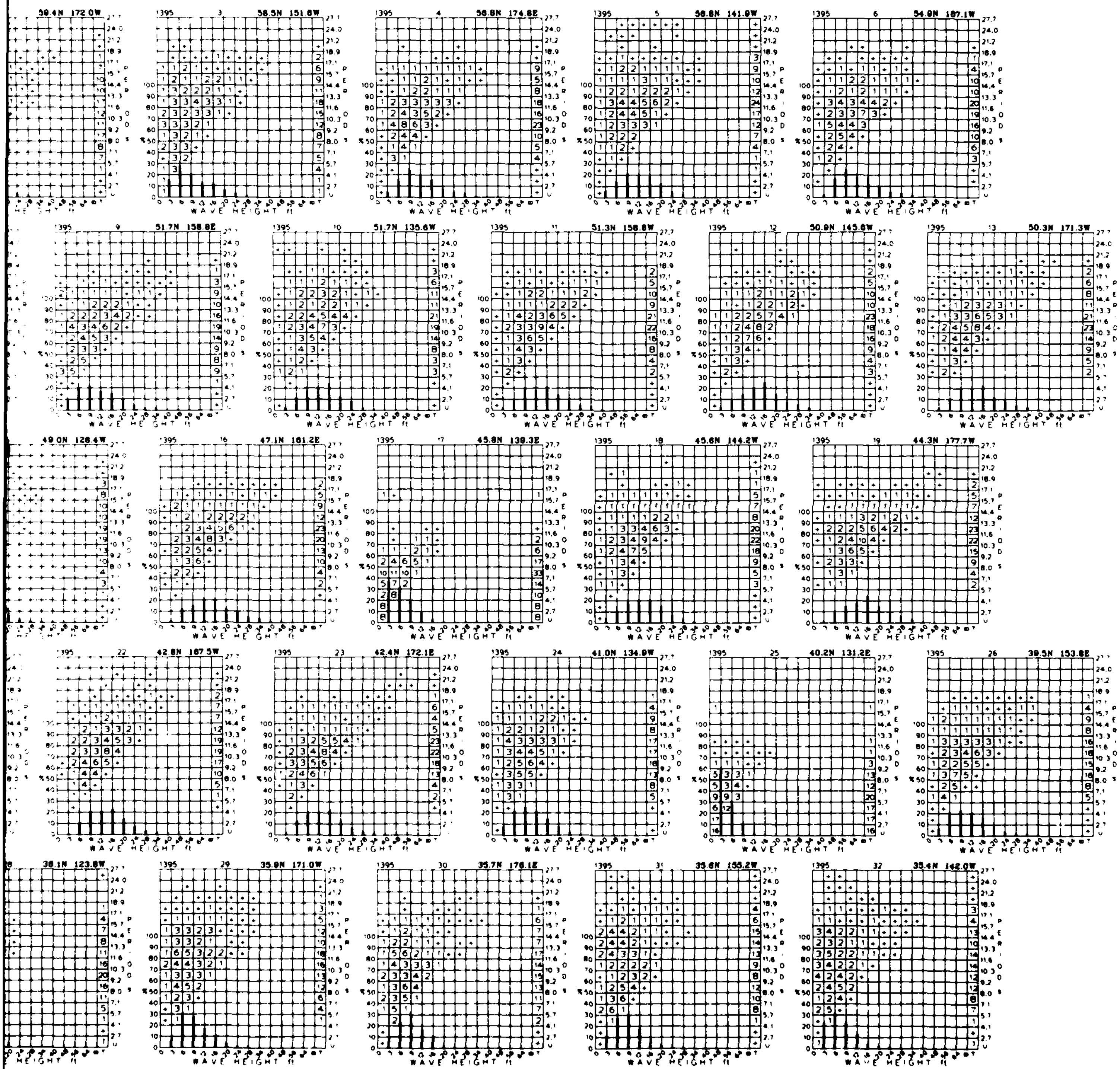
APRIL

WAV



3

WAVE HEIGHT AND PERIOD



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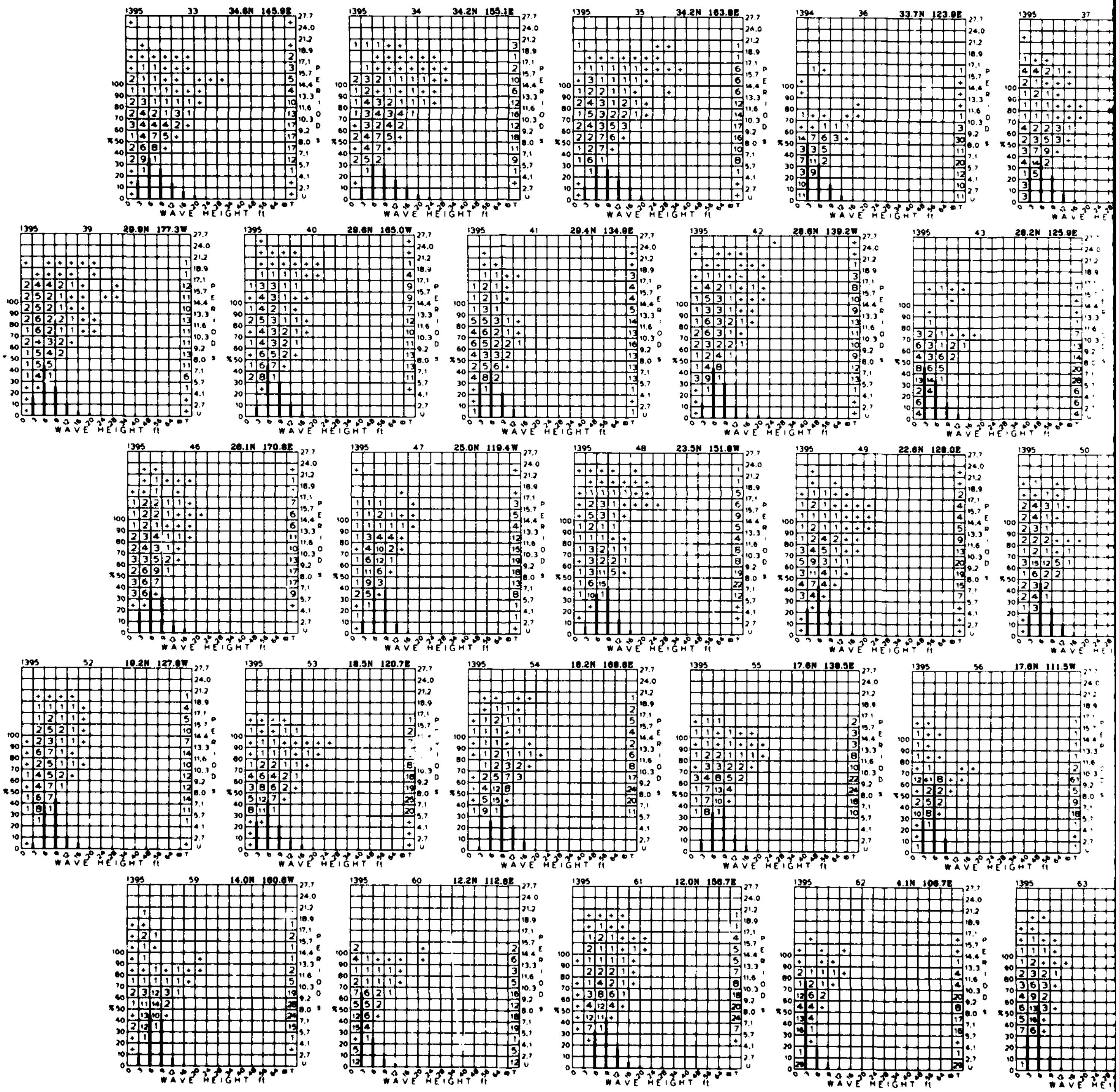
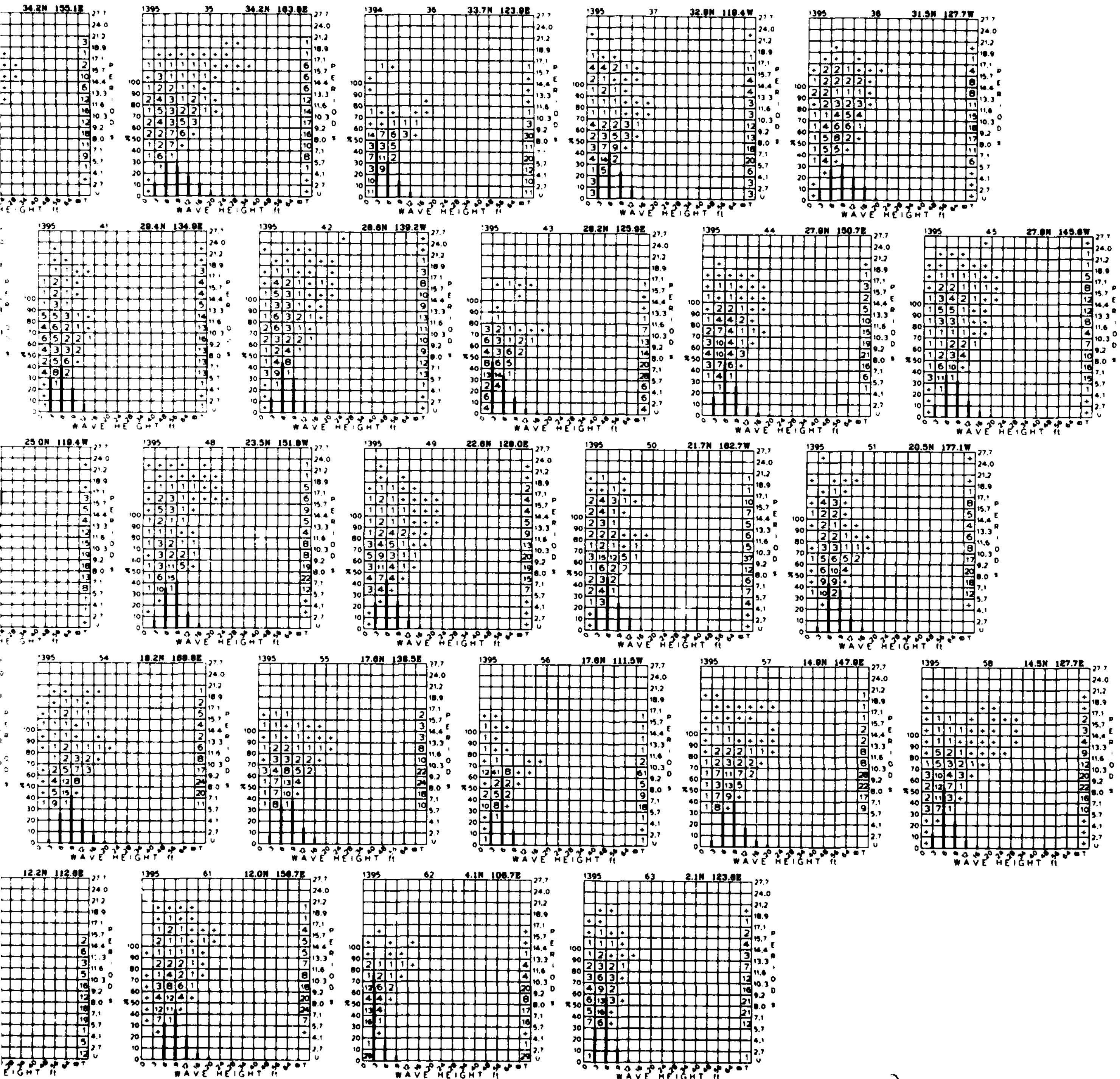
WAVE HEIGHT AND PERIOD (Cont'd)



RIOD (Cont'd)

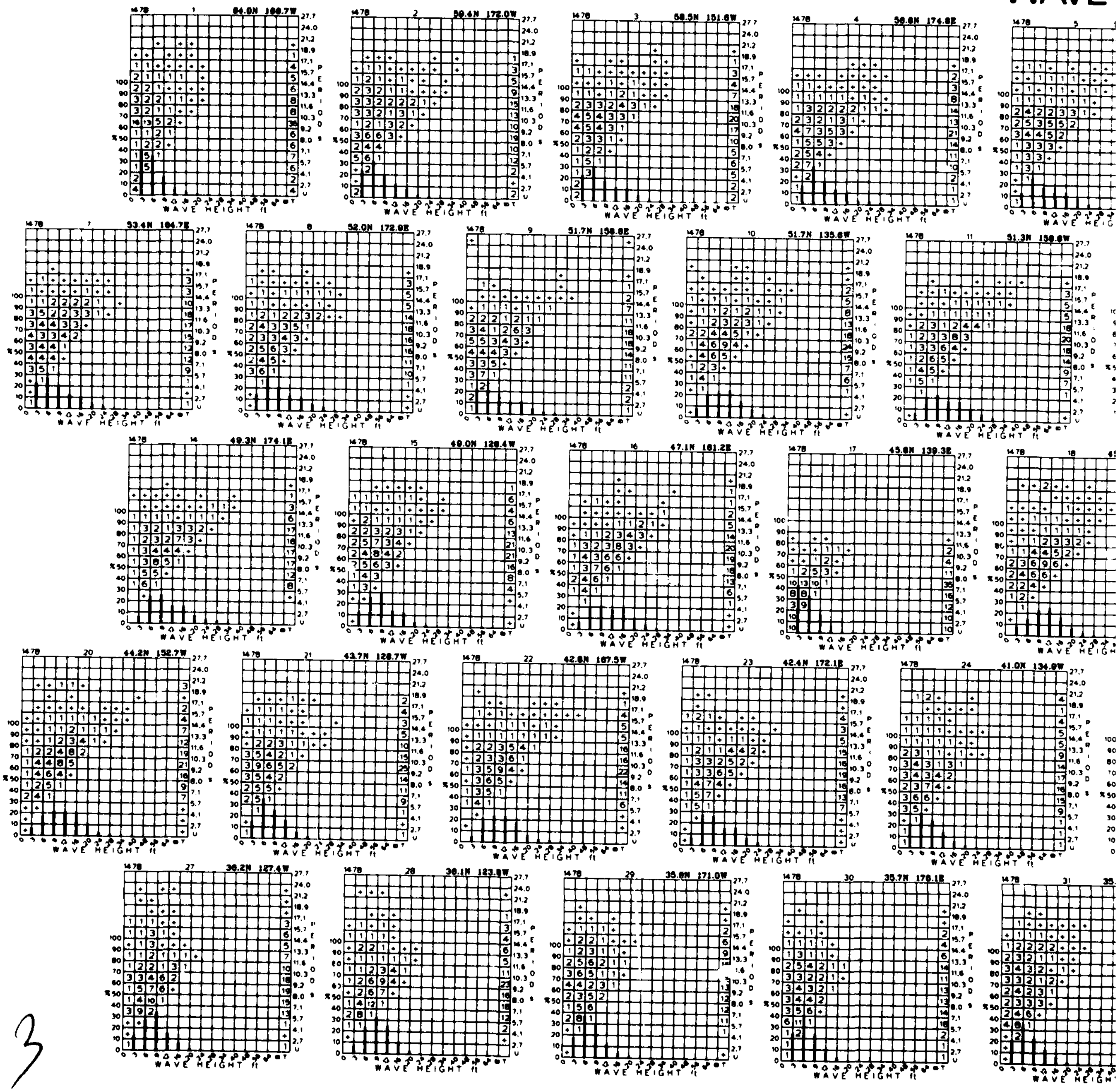
APRIL



2

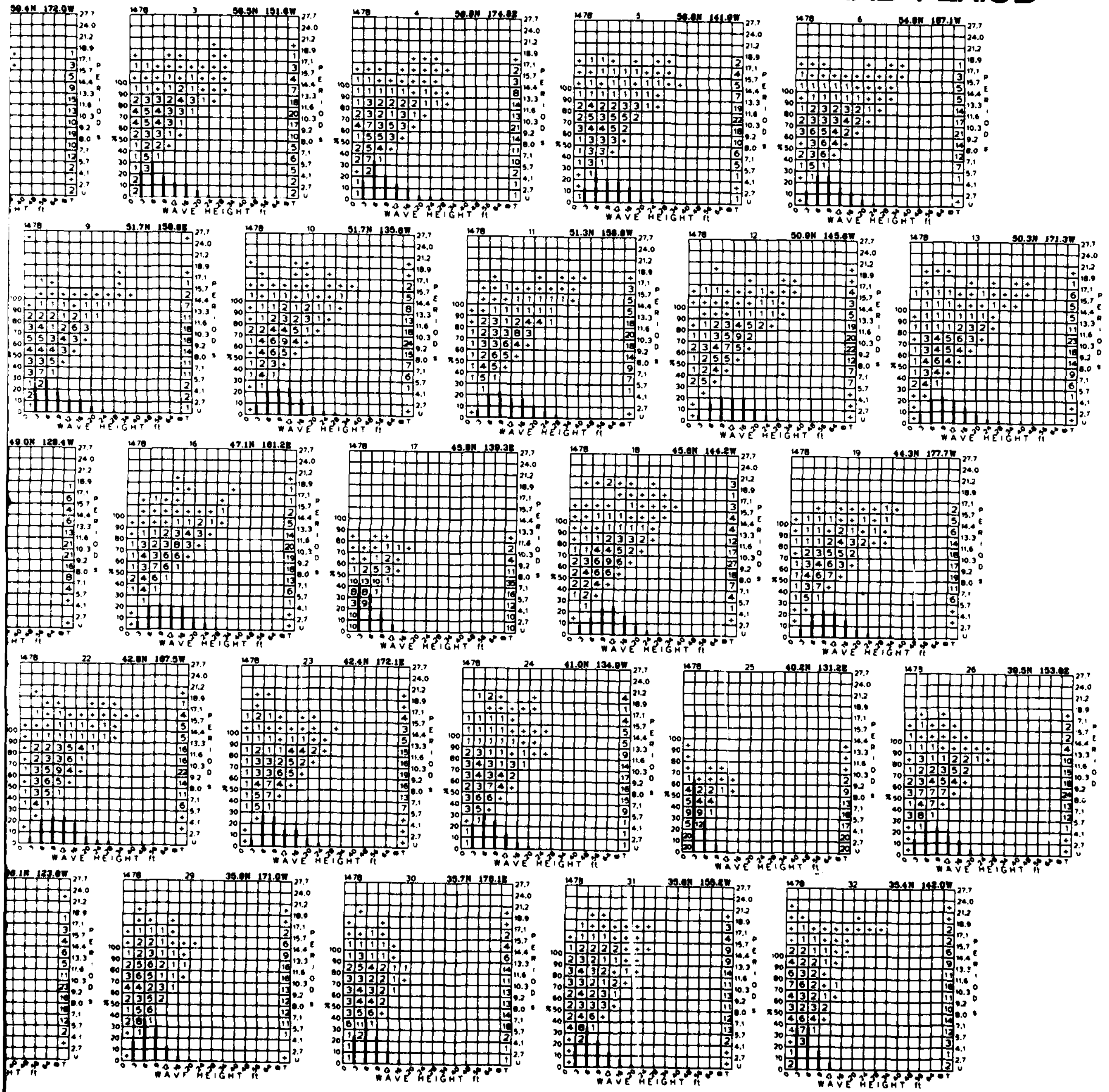
MAY

WAVE



3

WAVE HEIGHT AND PERIOD



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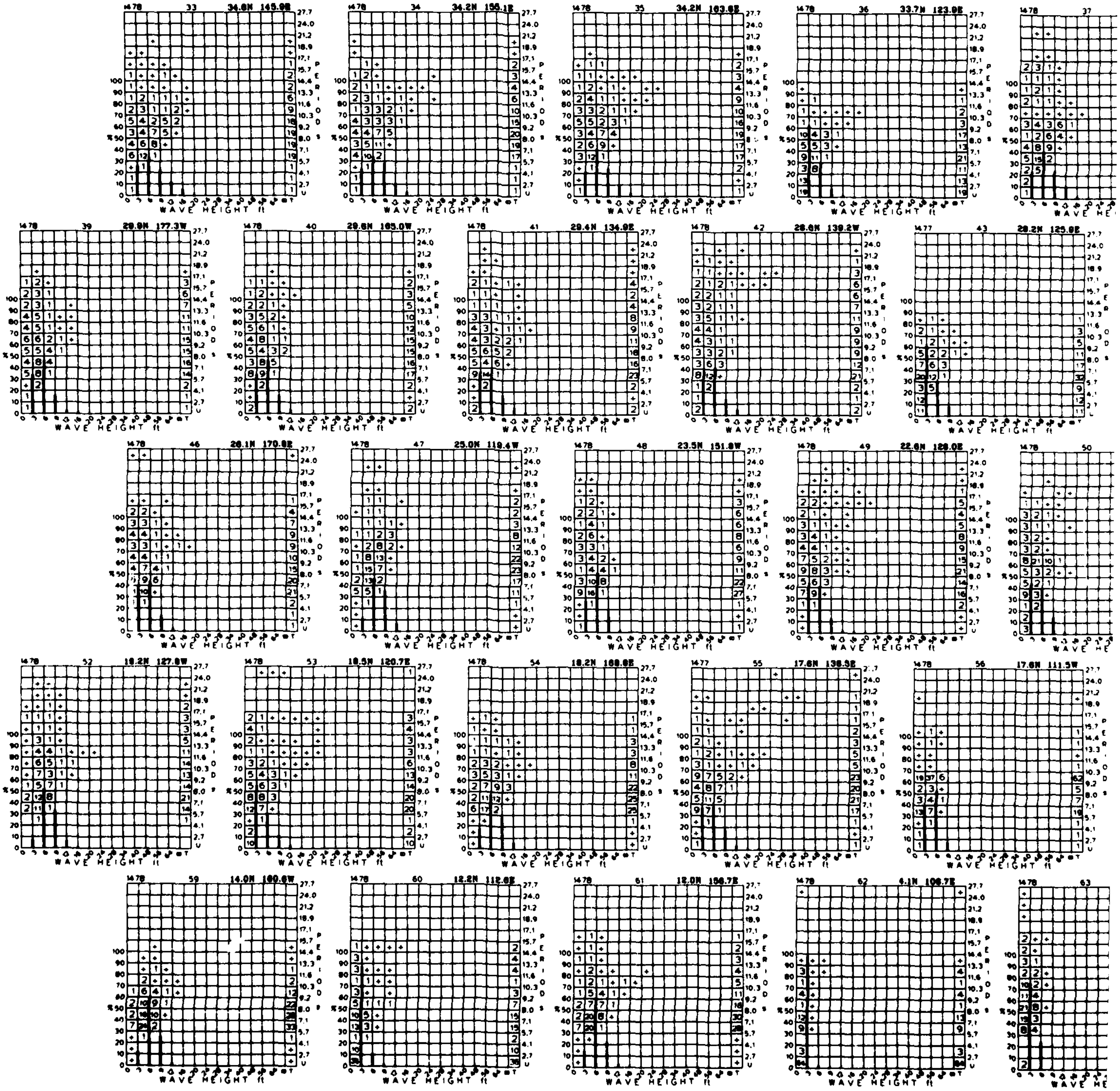
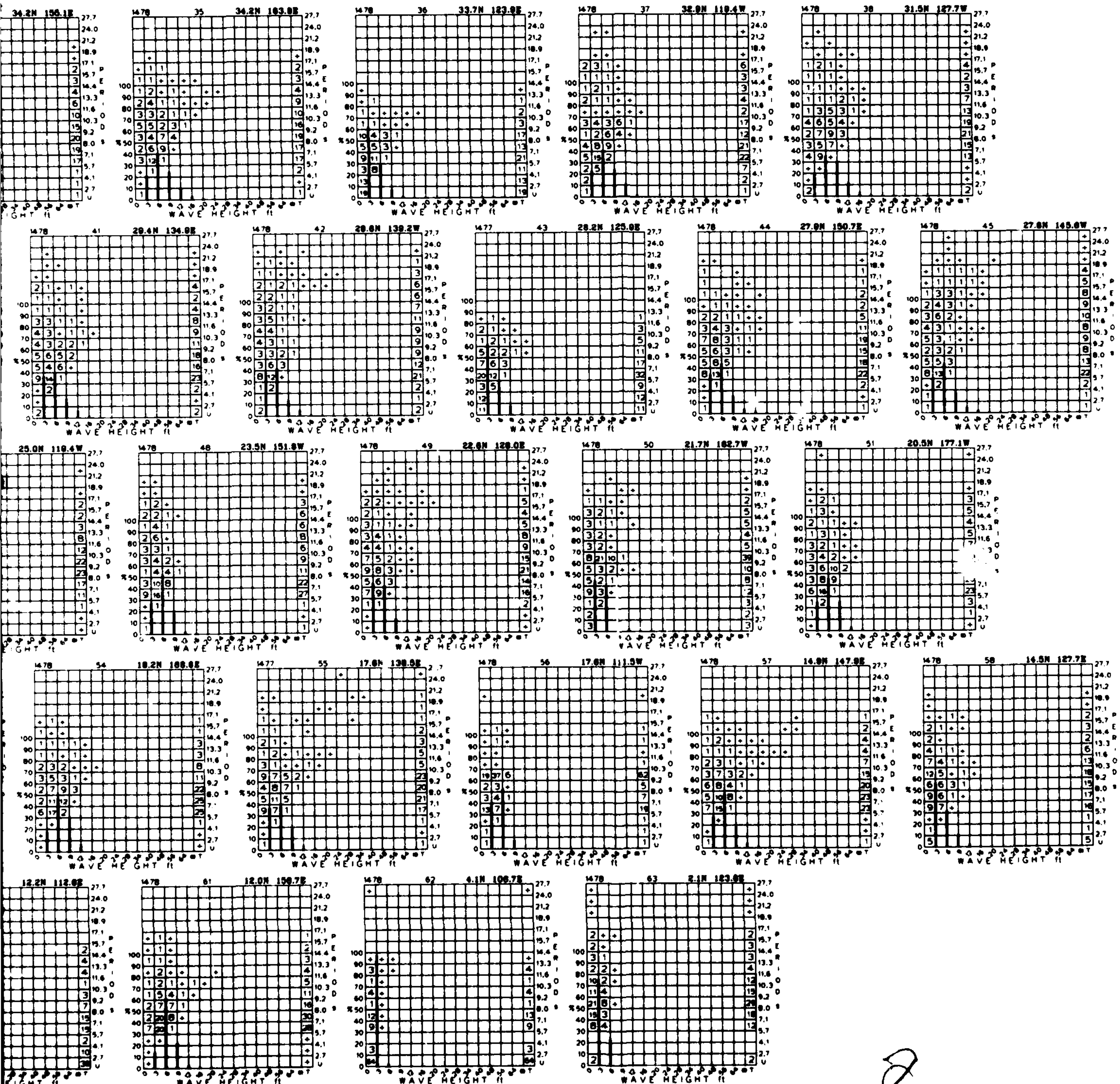
WAVE HEIGHT AND PERIOD (Cont'd)

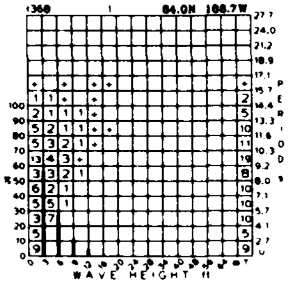




8

JUNE

WAVE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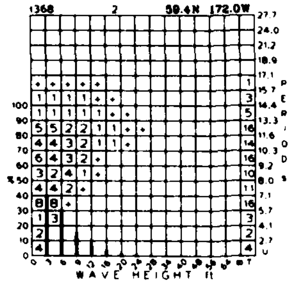
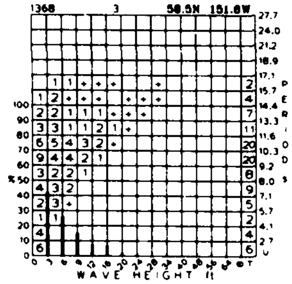
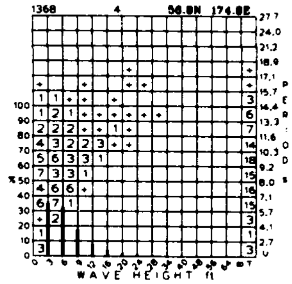
WAVE HEIGHT ft


1368 2 59.4N 172.0W
WAVE HEIGHT ft


1368 3 58.5N 151.6W
WAVE HEIGHT ft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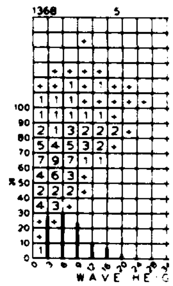
WAVE HEIGHT ft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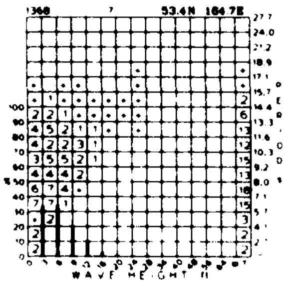
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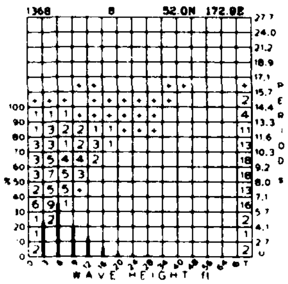
WAVE HEIGHT ft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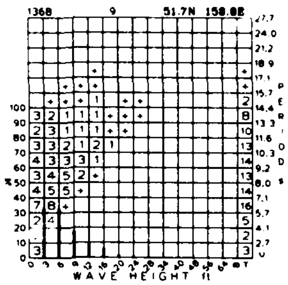
WAVE HEIGHT ft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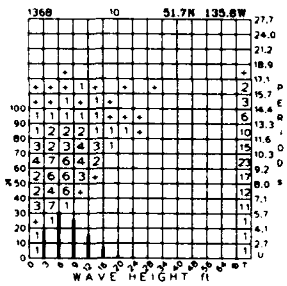
WAVE HEIGHT ft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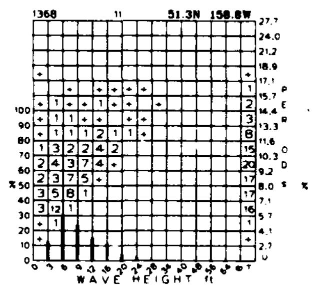
WAVE HEIGHT ft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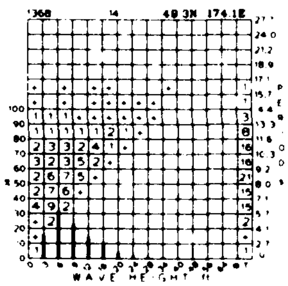
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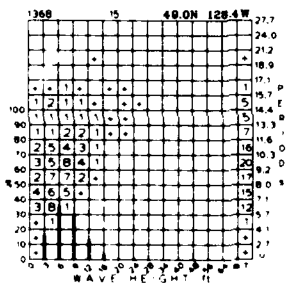
WAVE HEIGHT ft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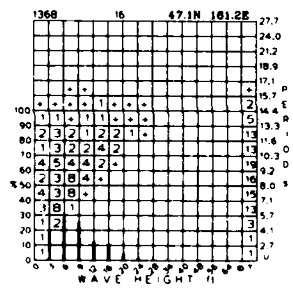
WAVE HEIGHT ft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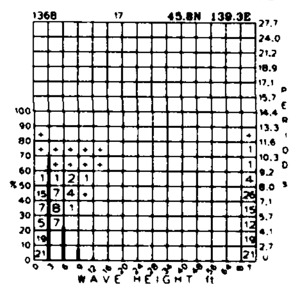
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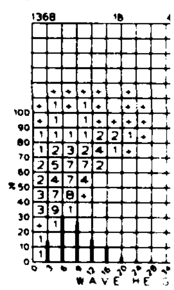
WAVE HEIGHT ft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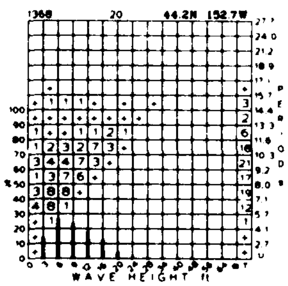
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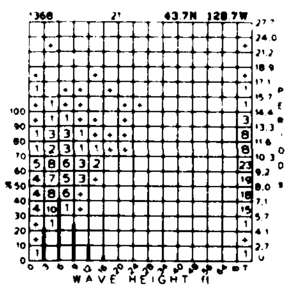
WAVE HEIGHT ft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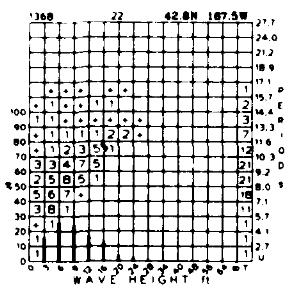
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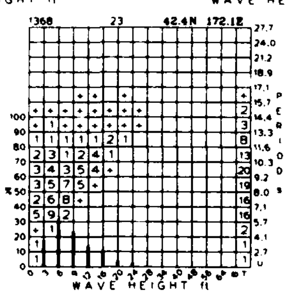
WAVE HEIGHT ft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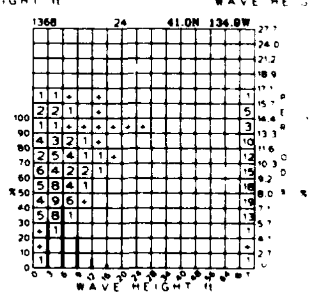
WAVE HEIGHT ft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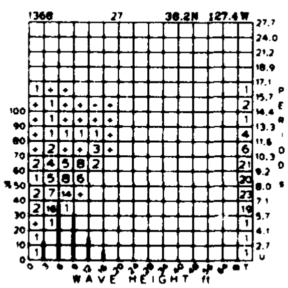
WAVE HEIGHT ft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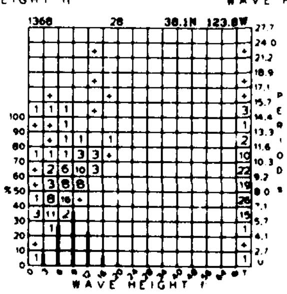
WAVE HEIGHT ft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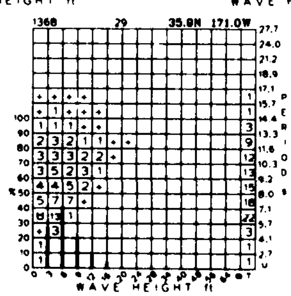
WAVE HEIGHT ft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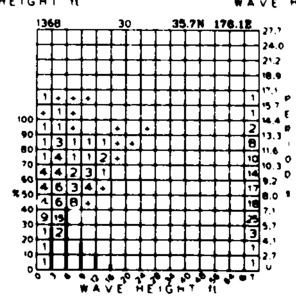
WAVE HEIGHT ft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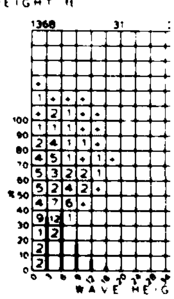
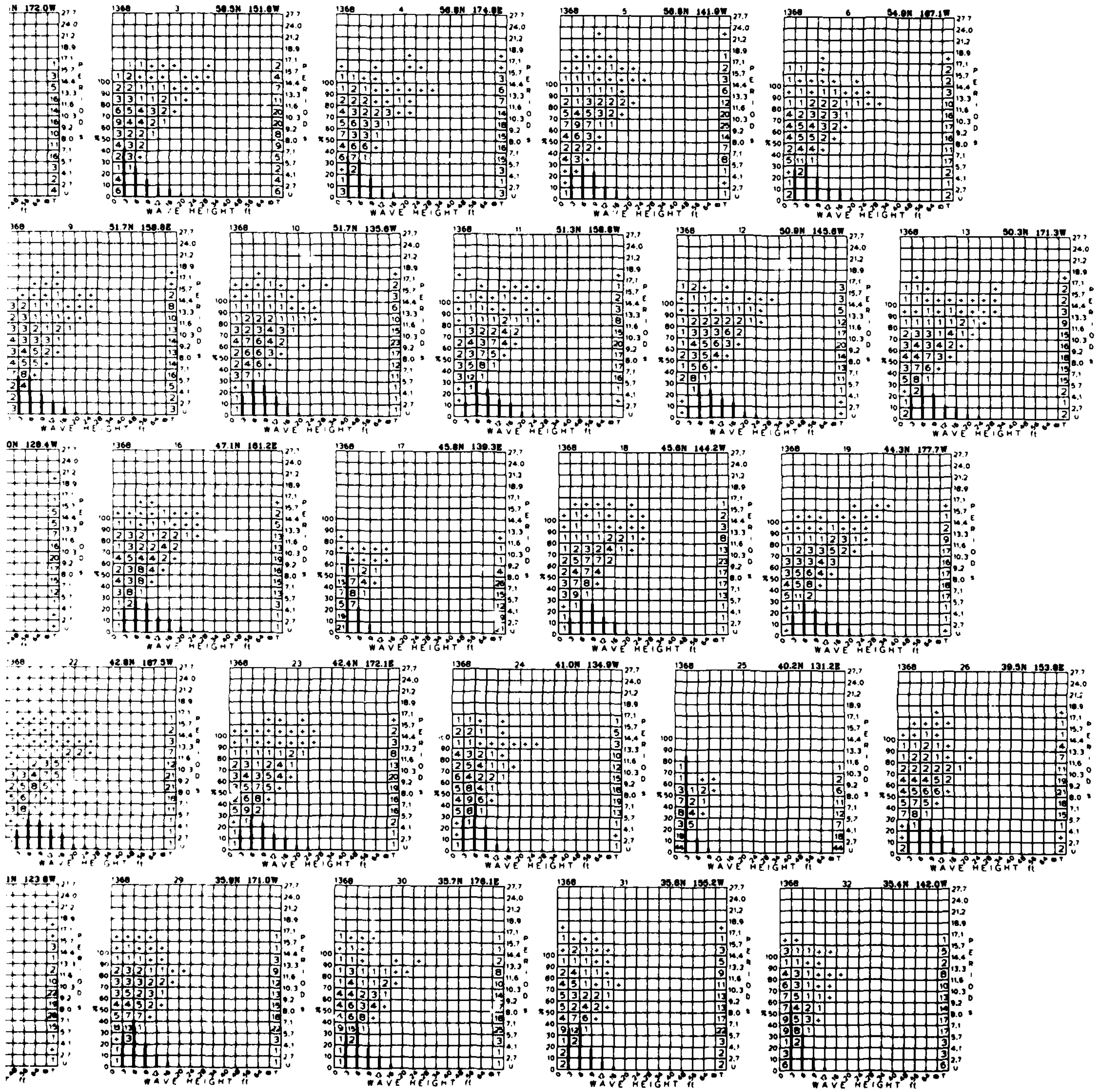
WAVE HEIGHT ft


1368 31

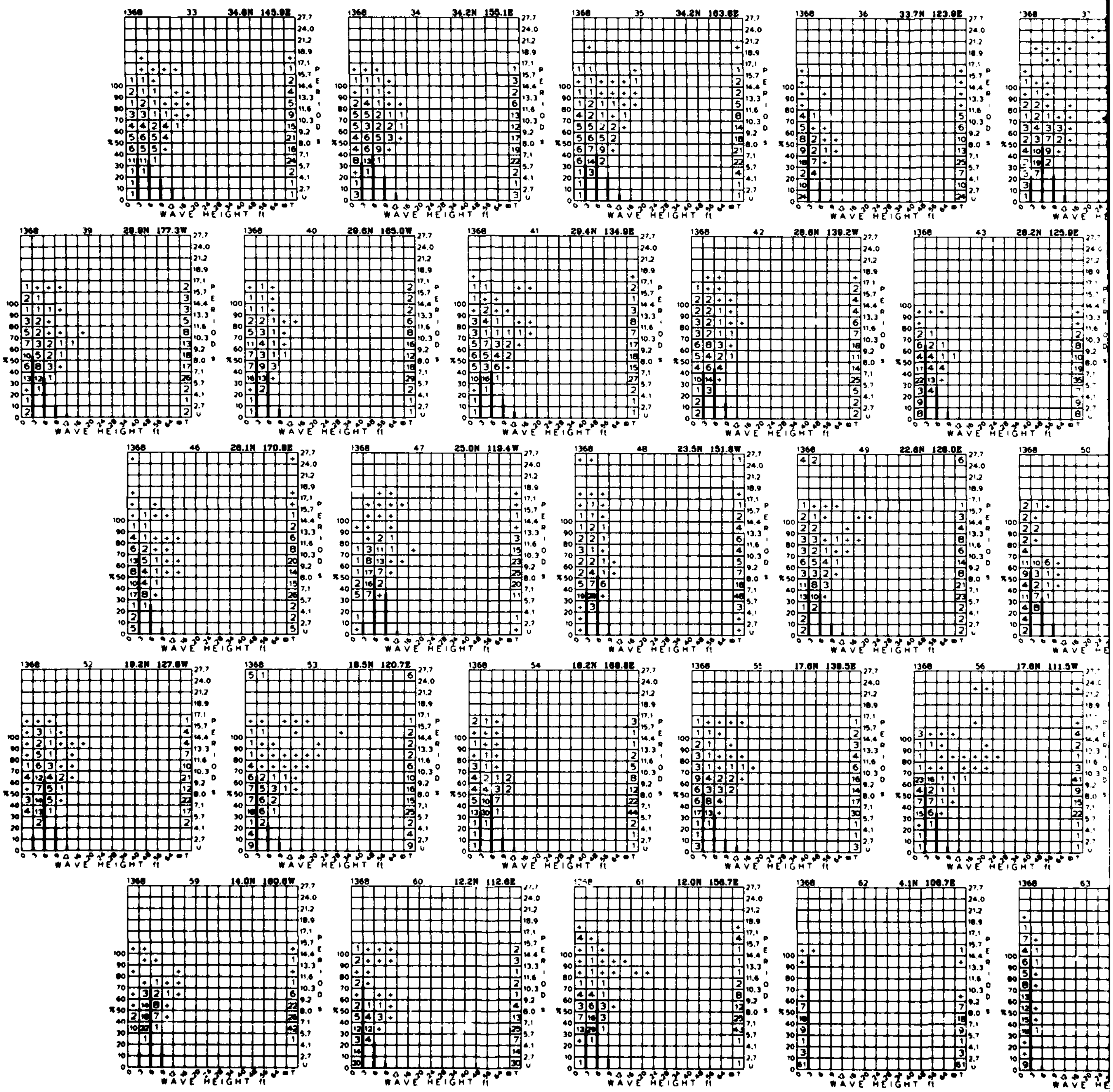
3

WAVE HEIGHT AND PERIOD



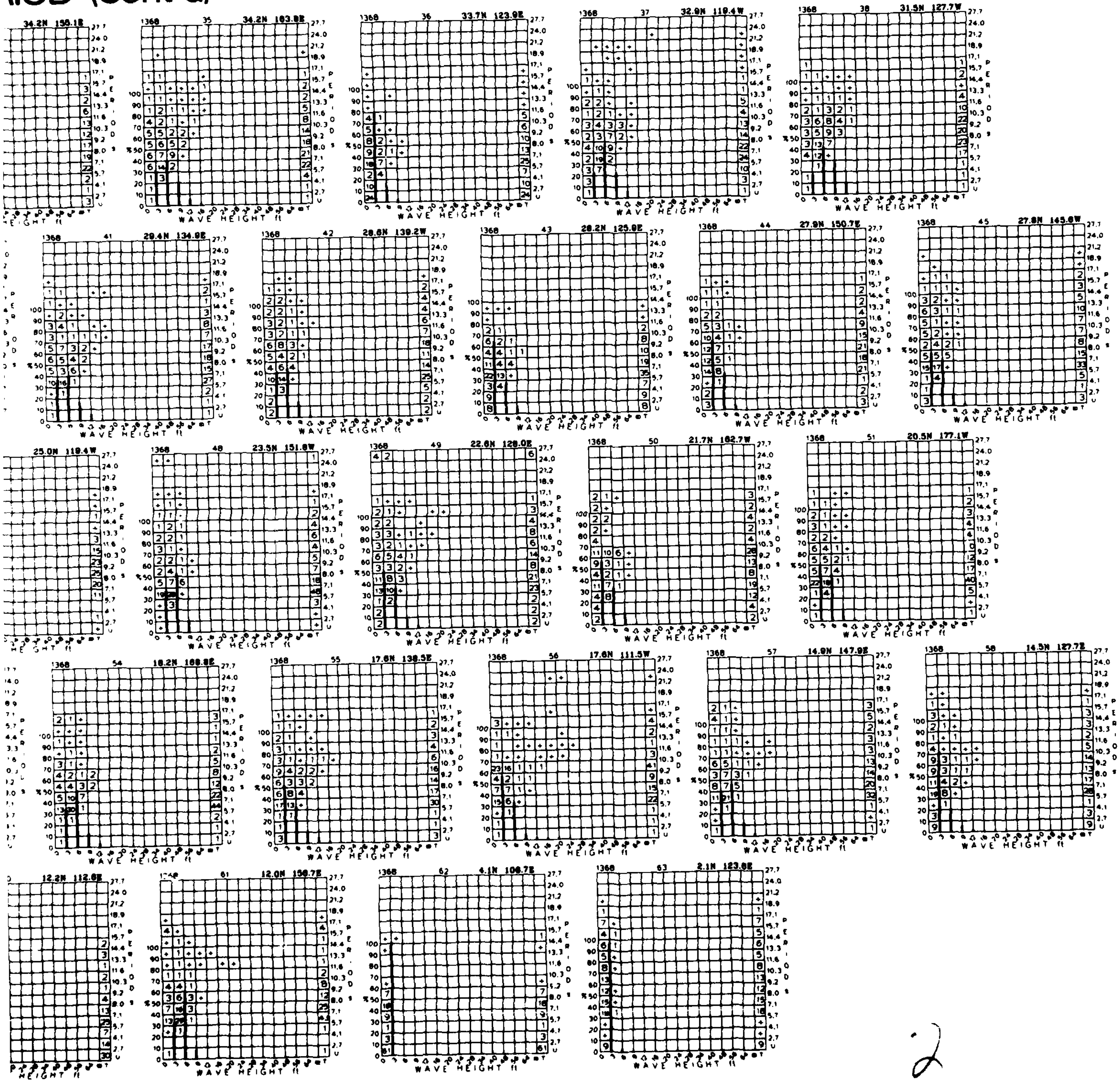
4

WAVE HEIGHT AND PERIOD (Cont'd)



RIOD (Cont'd)

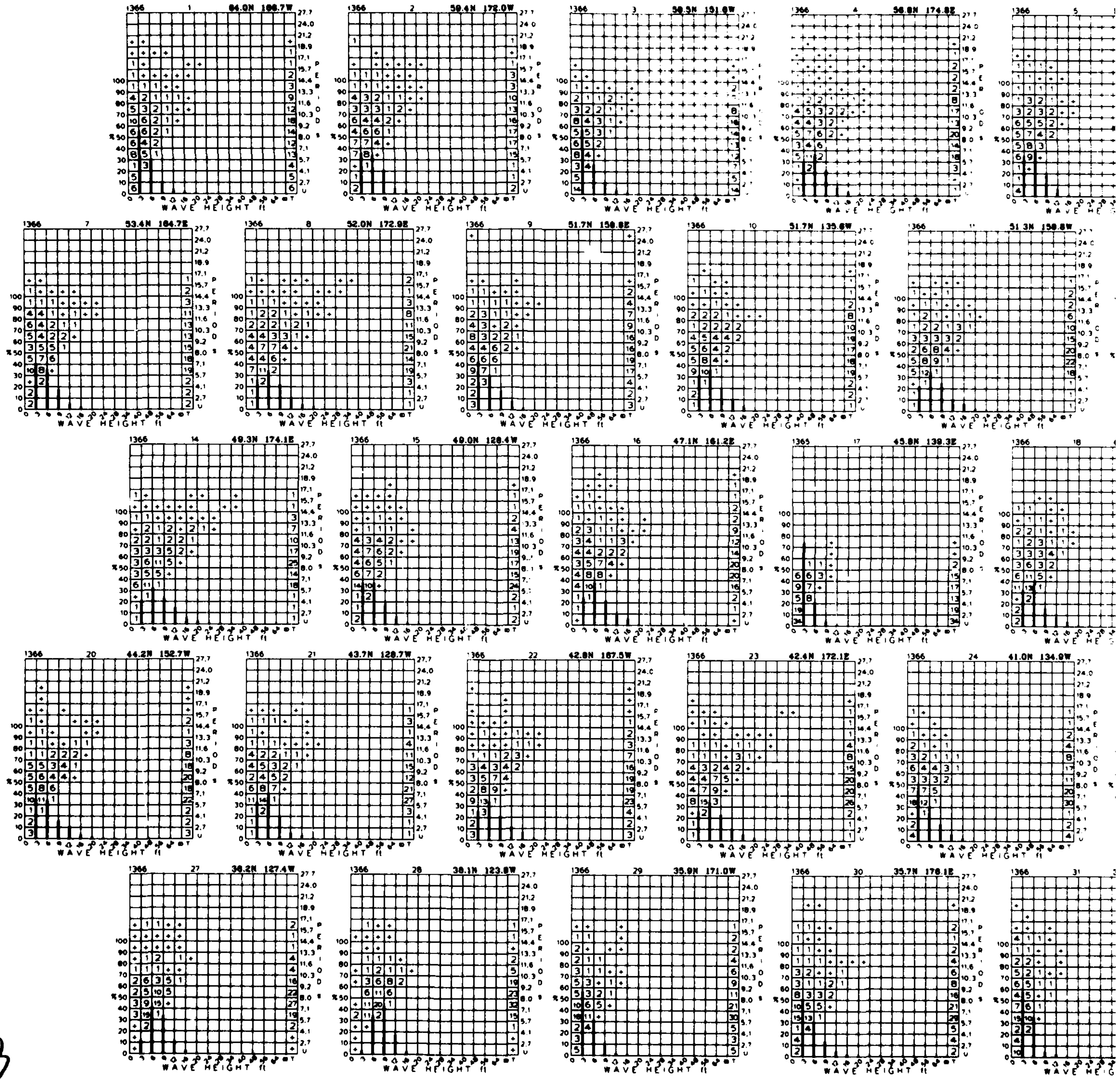
JUNE



2

JULY

WAVE



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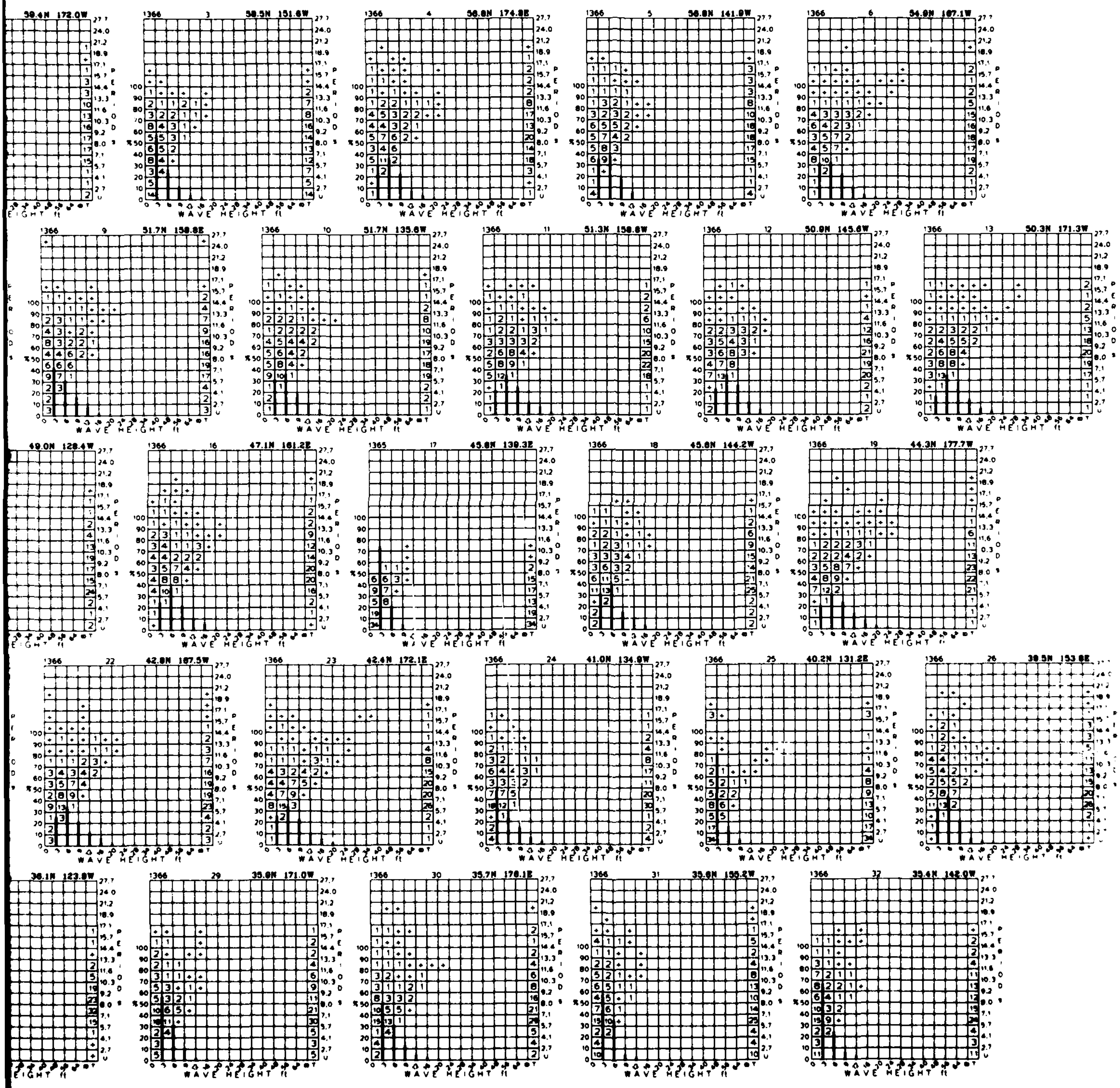
WAVE HEIGHT AND PERIOD



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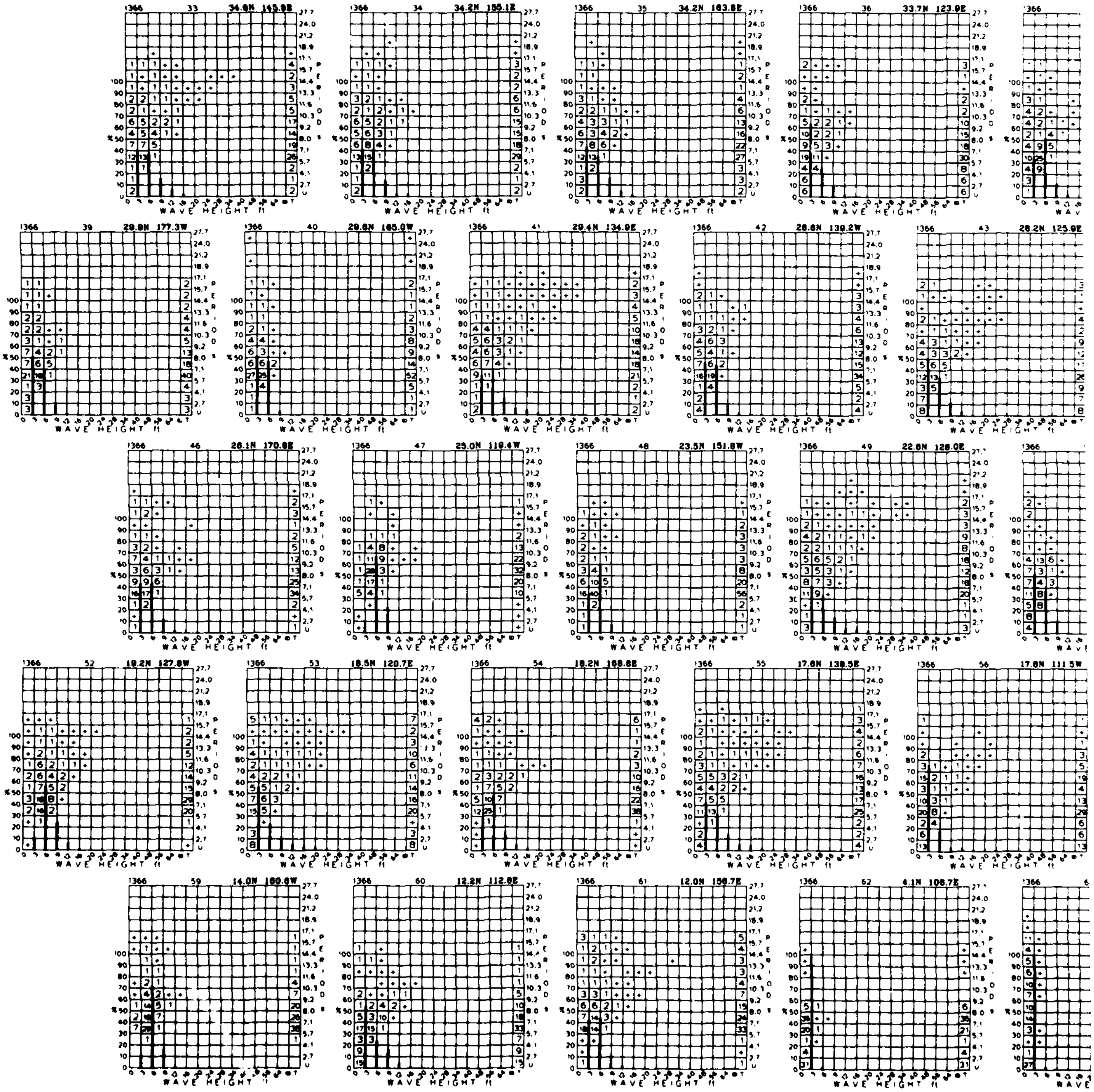
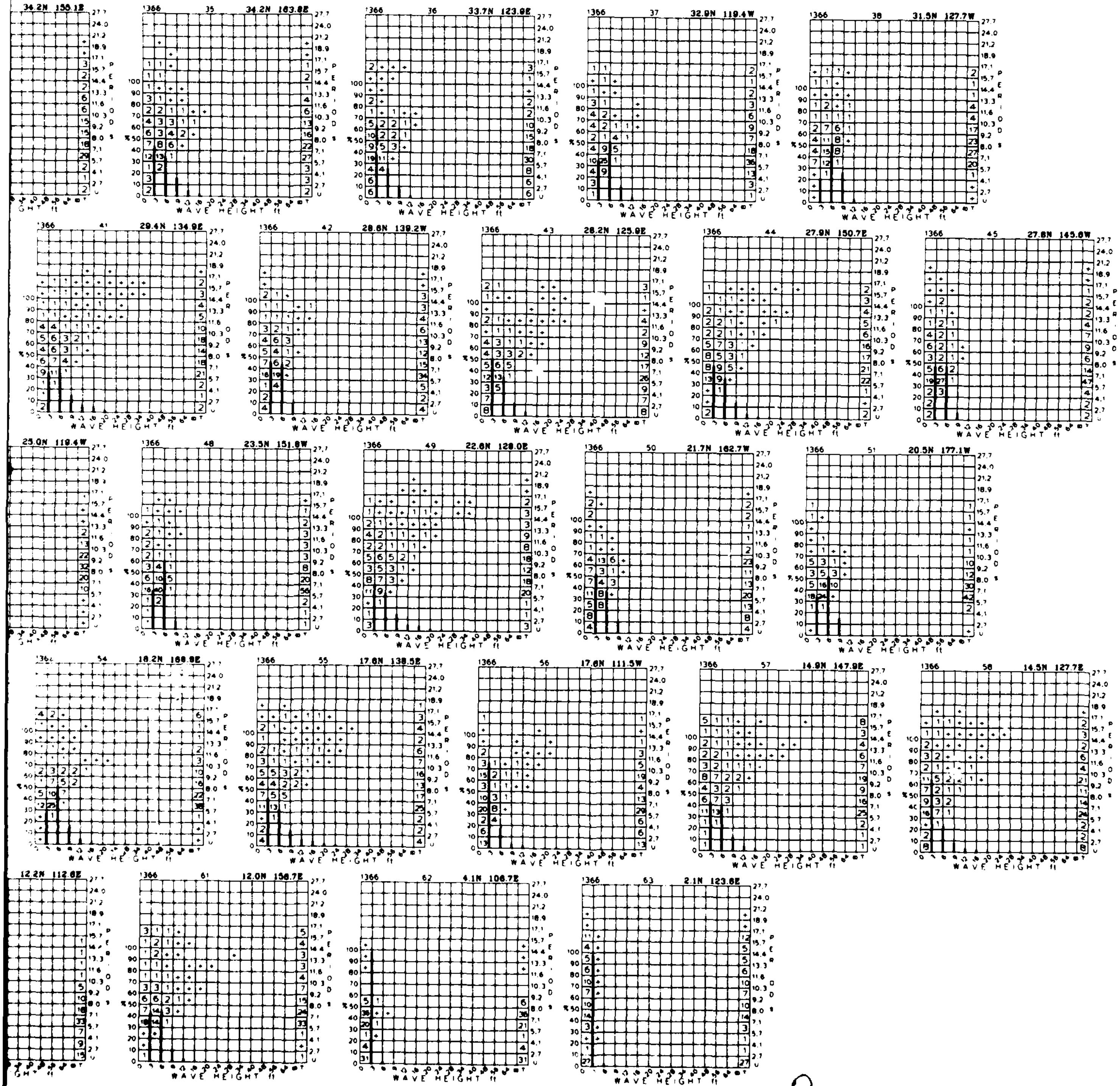


IOD (Cont'd)

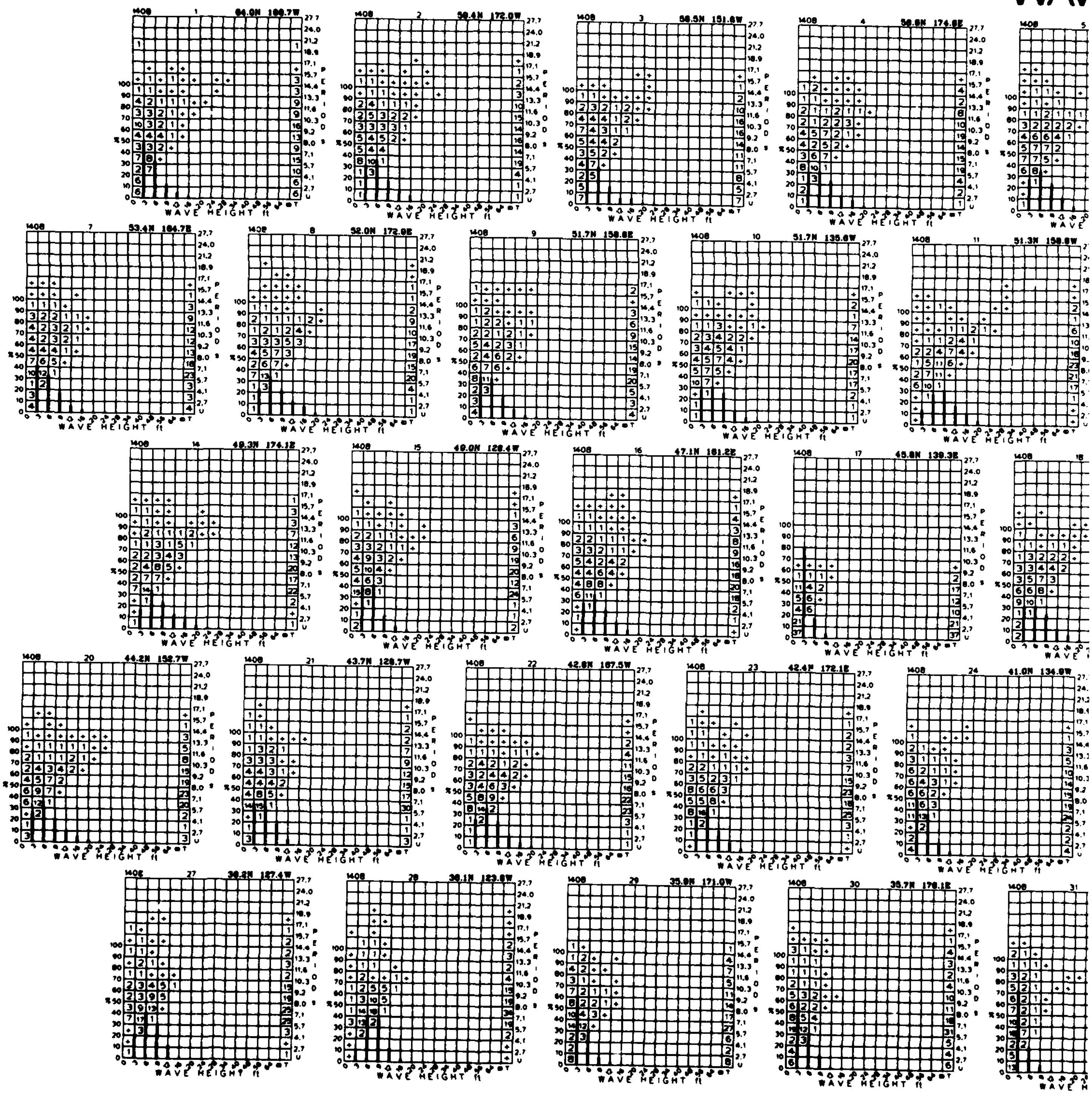
JULY



2

AUGUST

WAV



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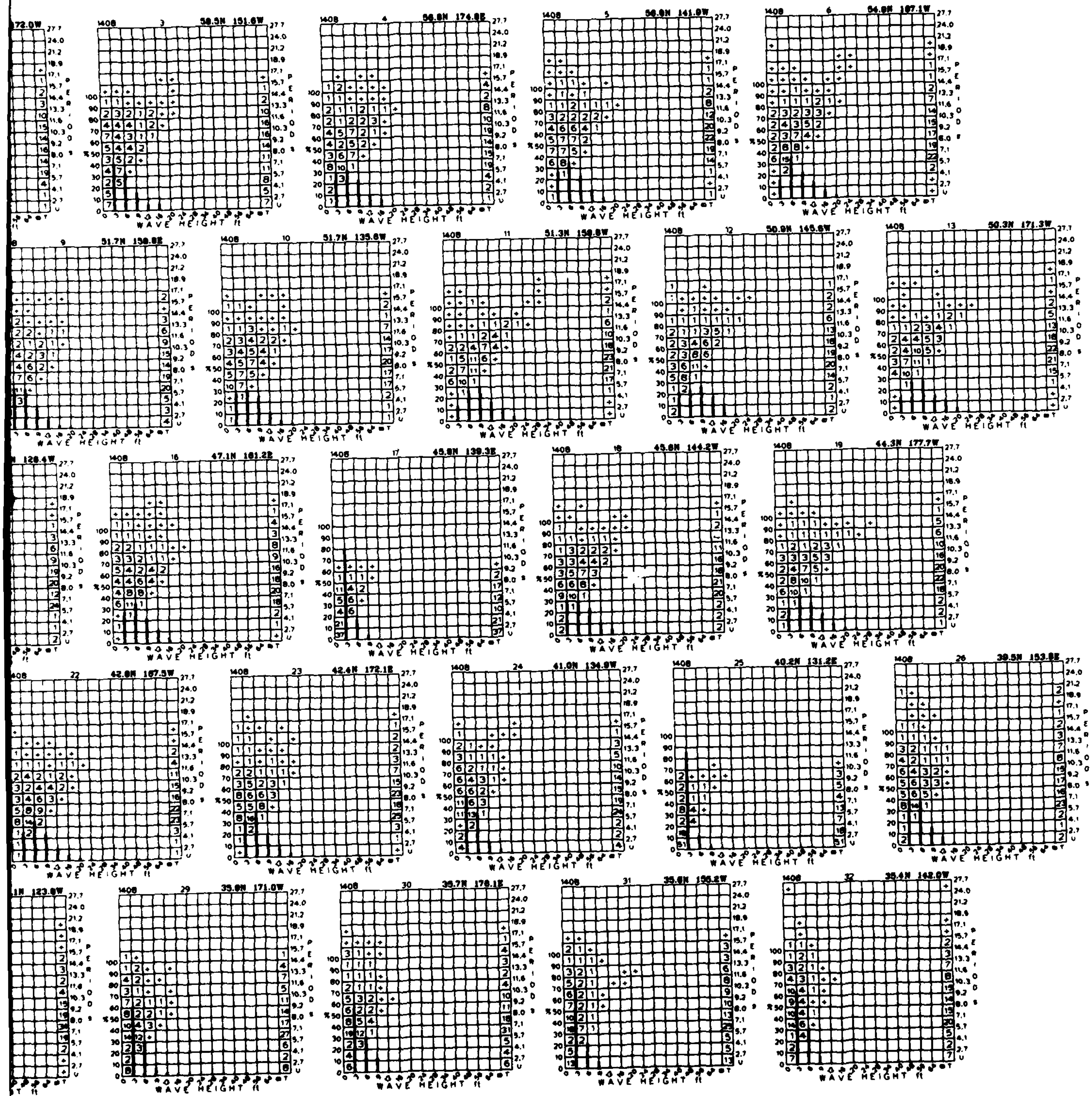
WAVE HEIGHT AND PERIOD



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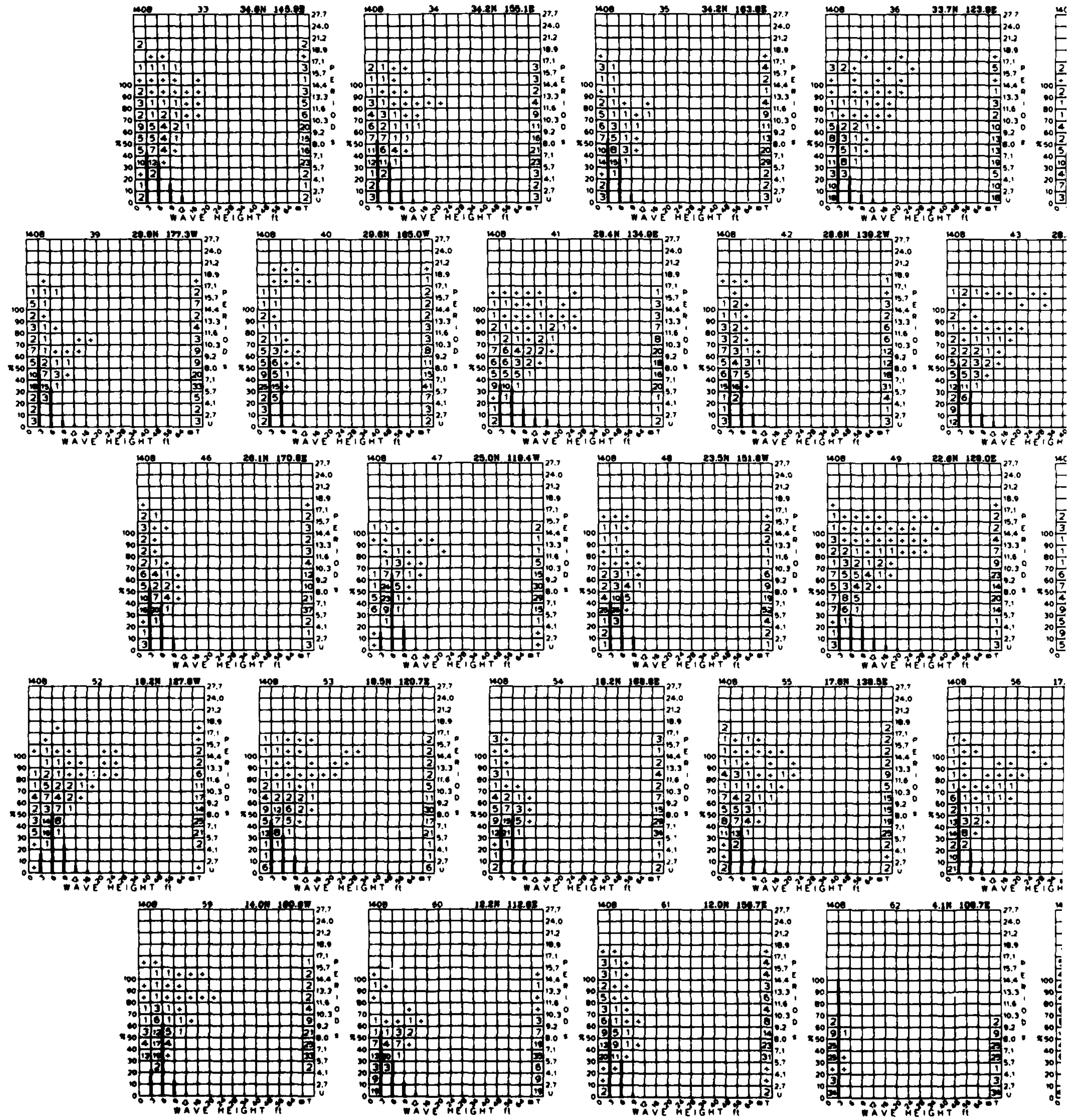
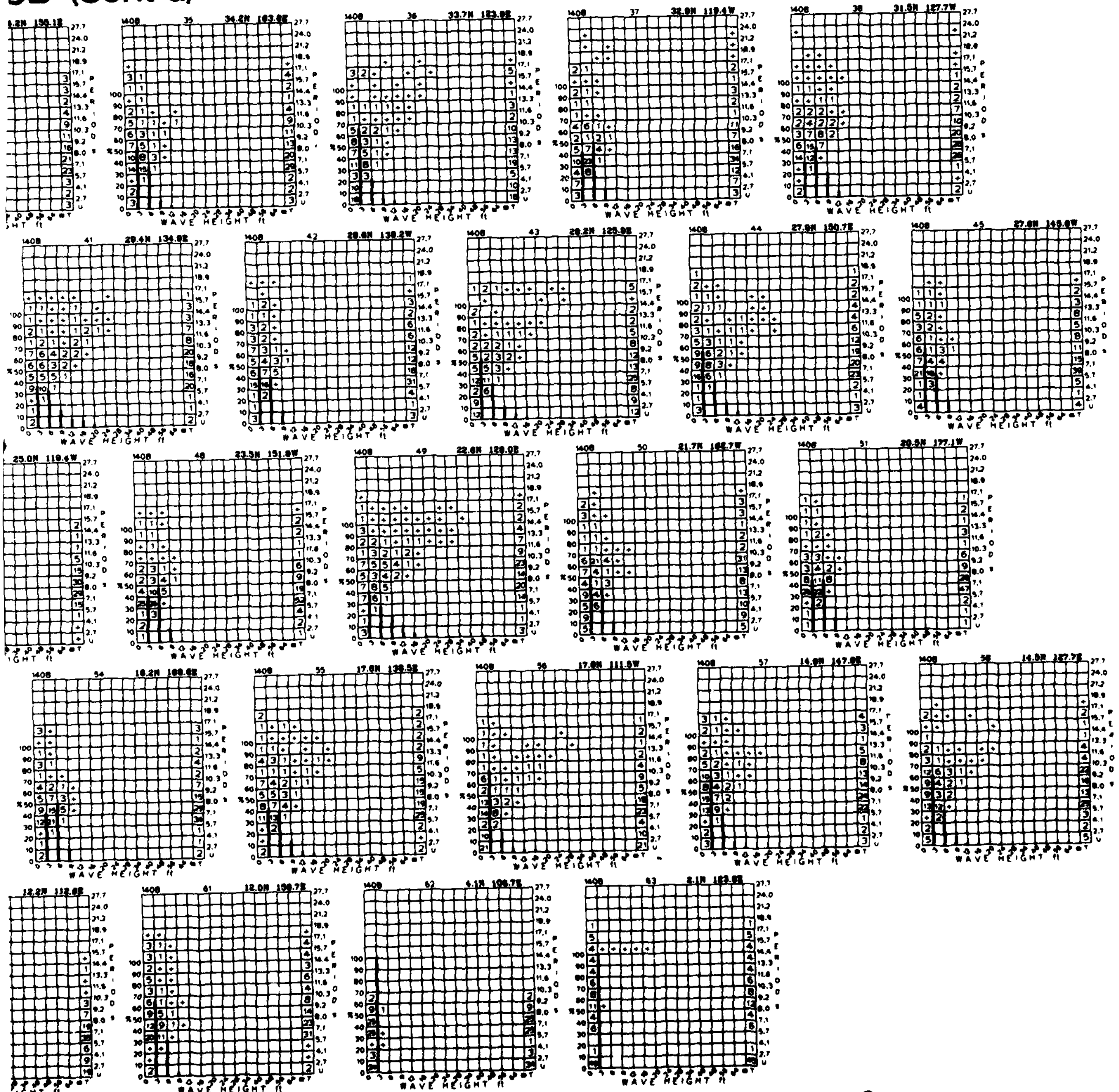
WAVE HEIGHT AND PERIOD (Cont'd)



...OD (Cont'd)

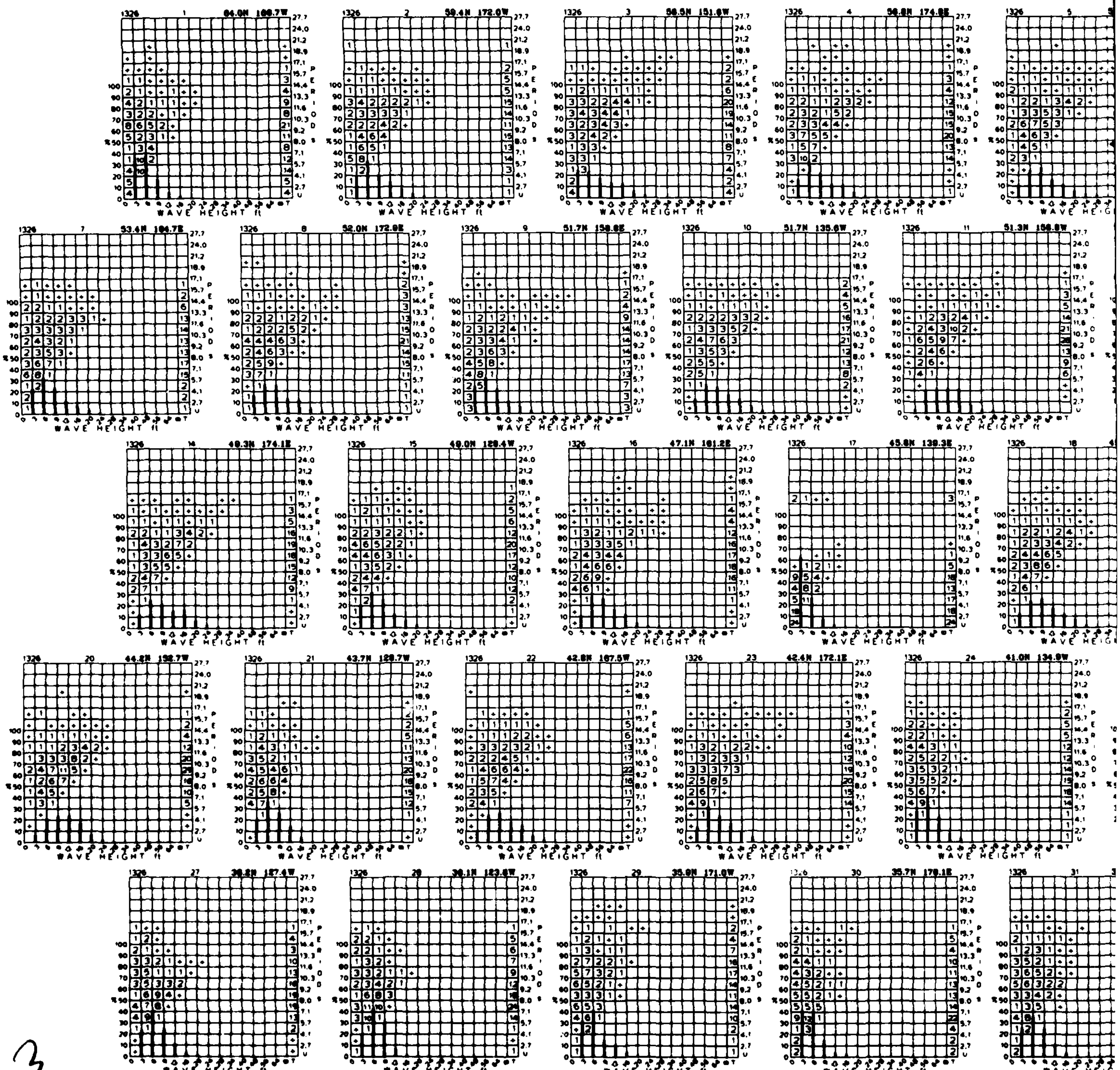
AUGUST



2

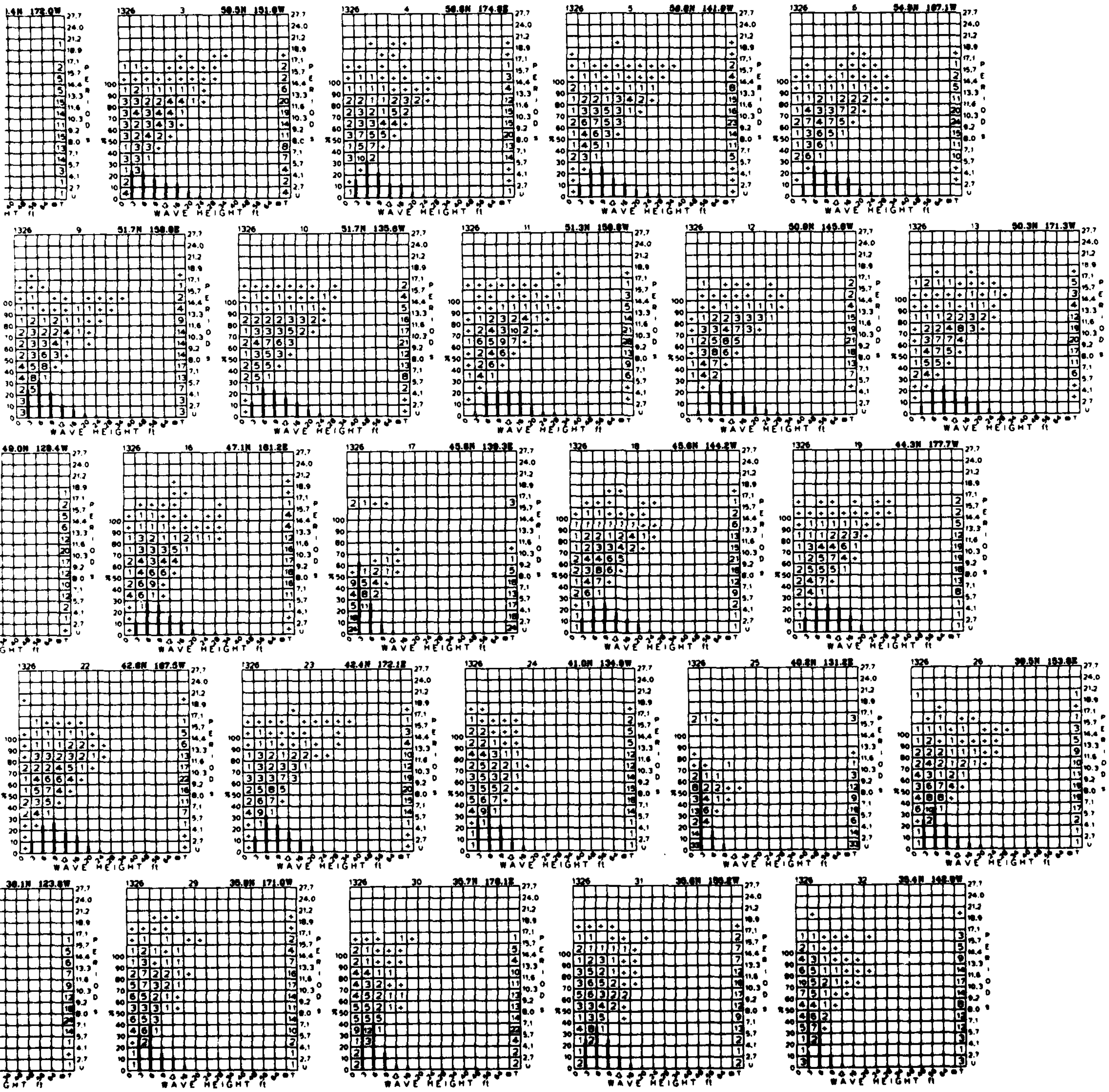
SEPTEMBER

WAVE

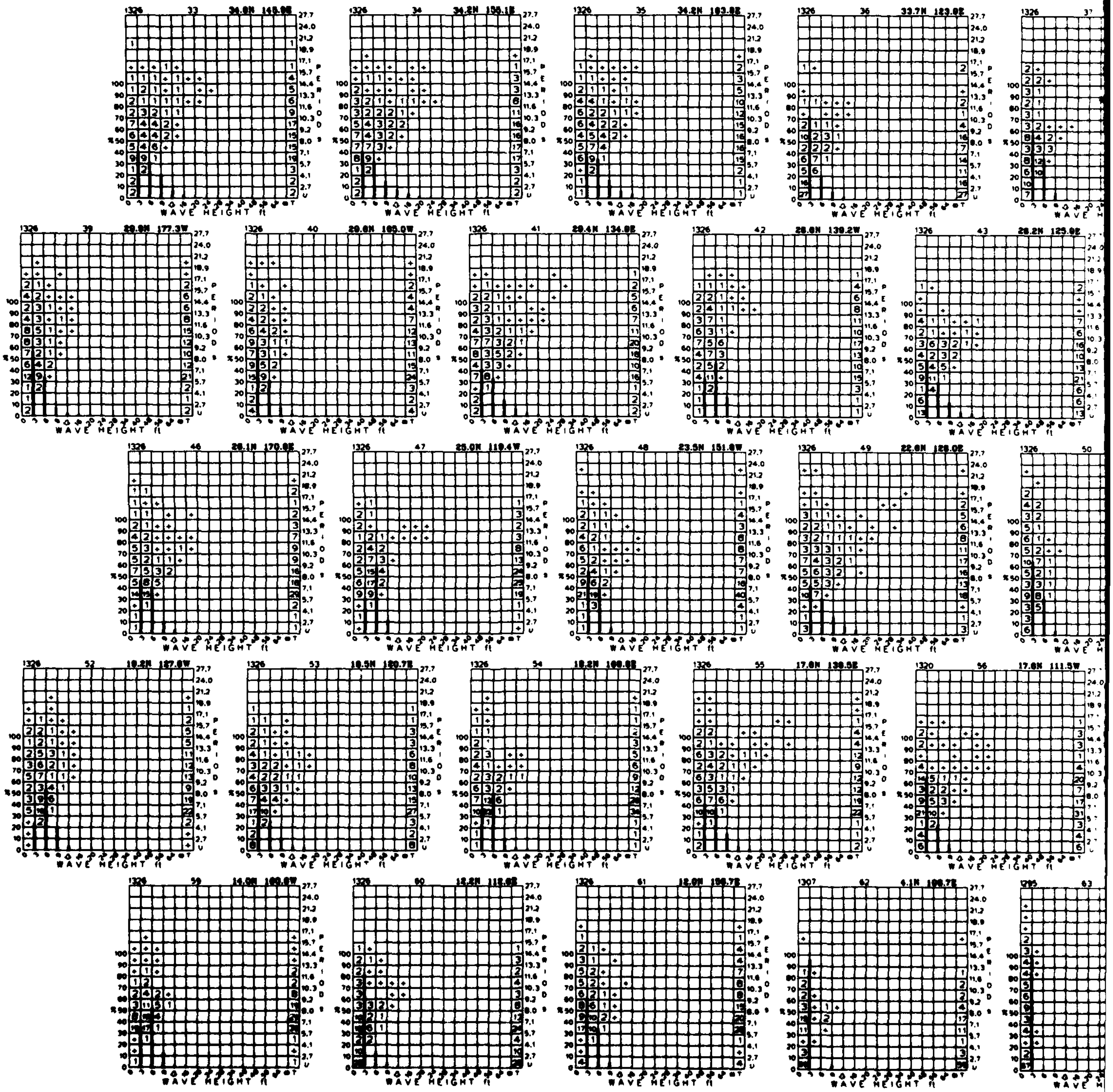


3

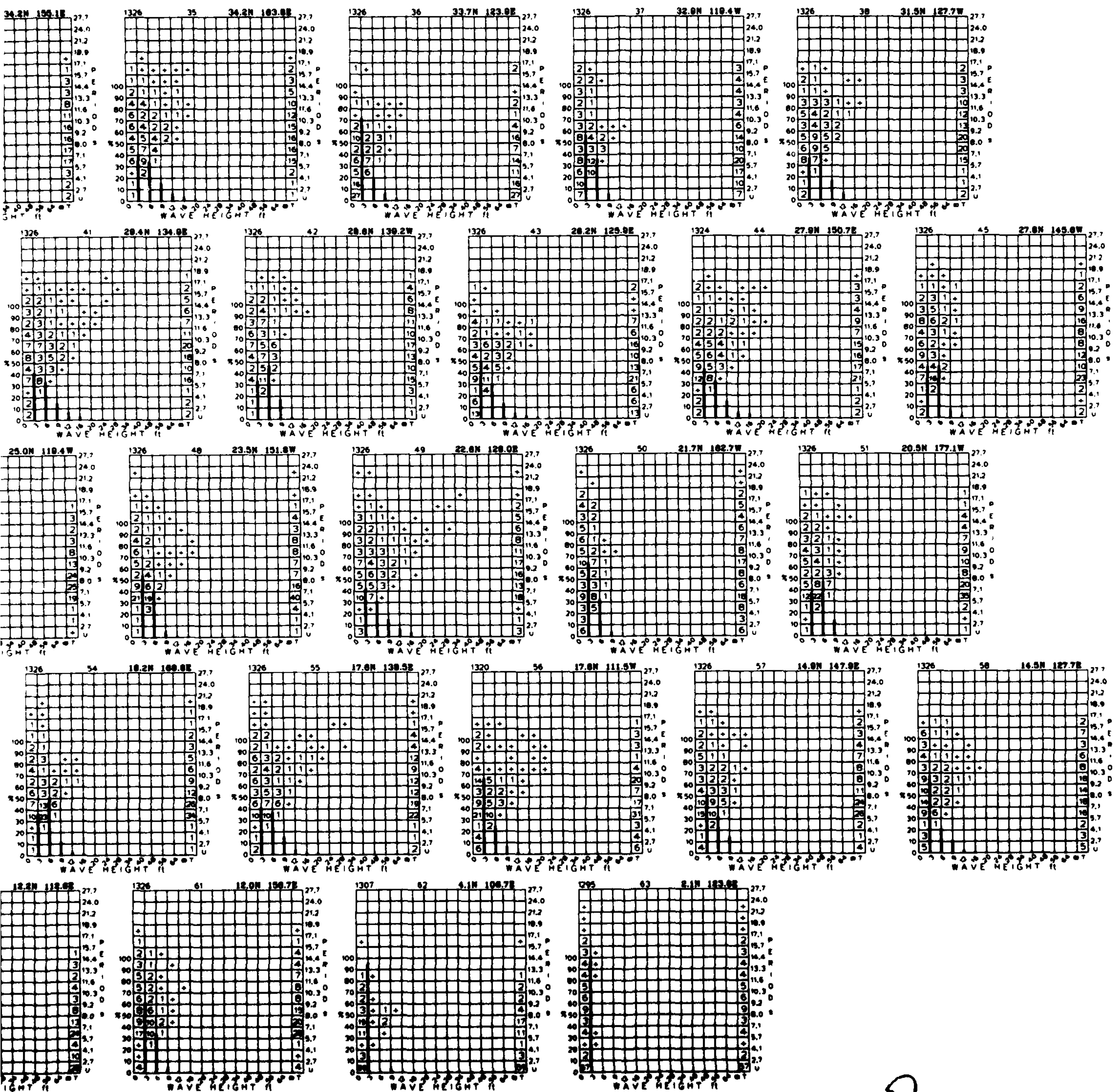
WAVE HEIGHT AND PERIOD



WAVE HEIGHT AND PERIOD (Cont'd)



OD (Cont'd) SEPTEMBER



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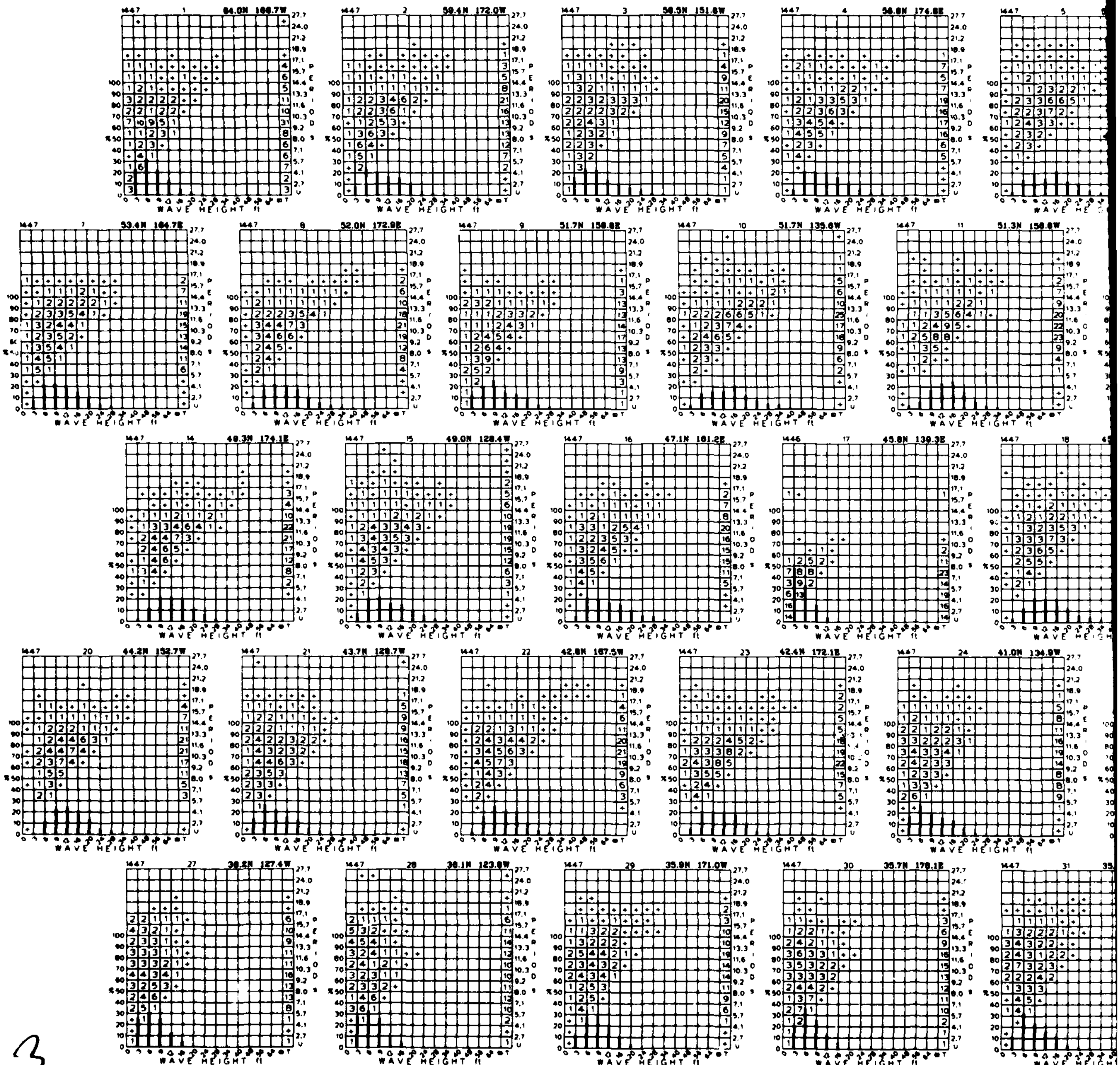

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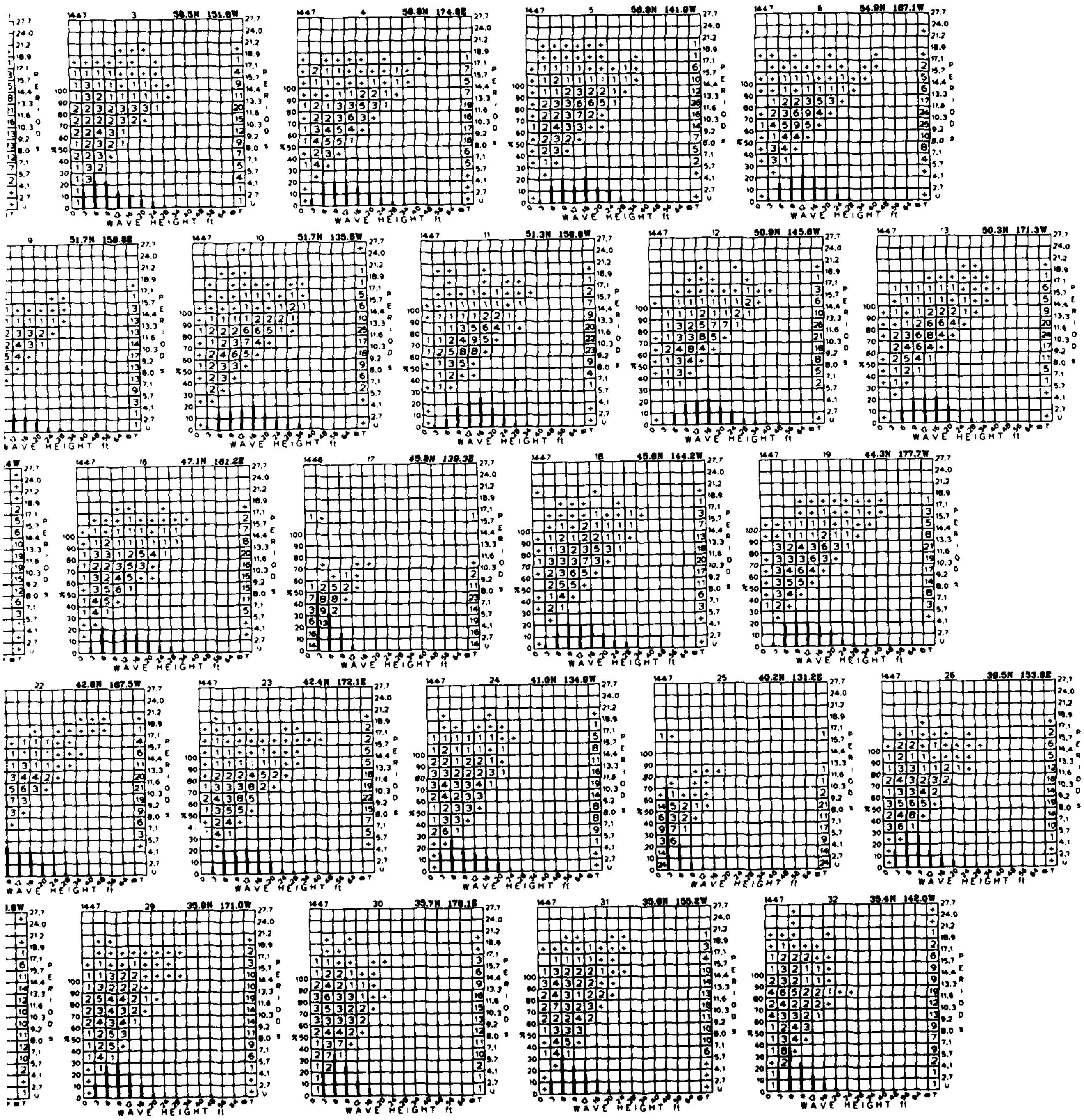
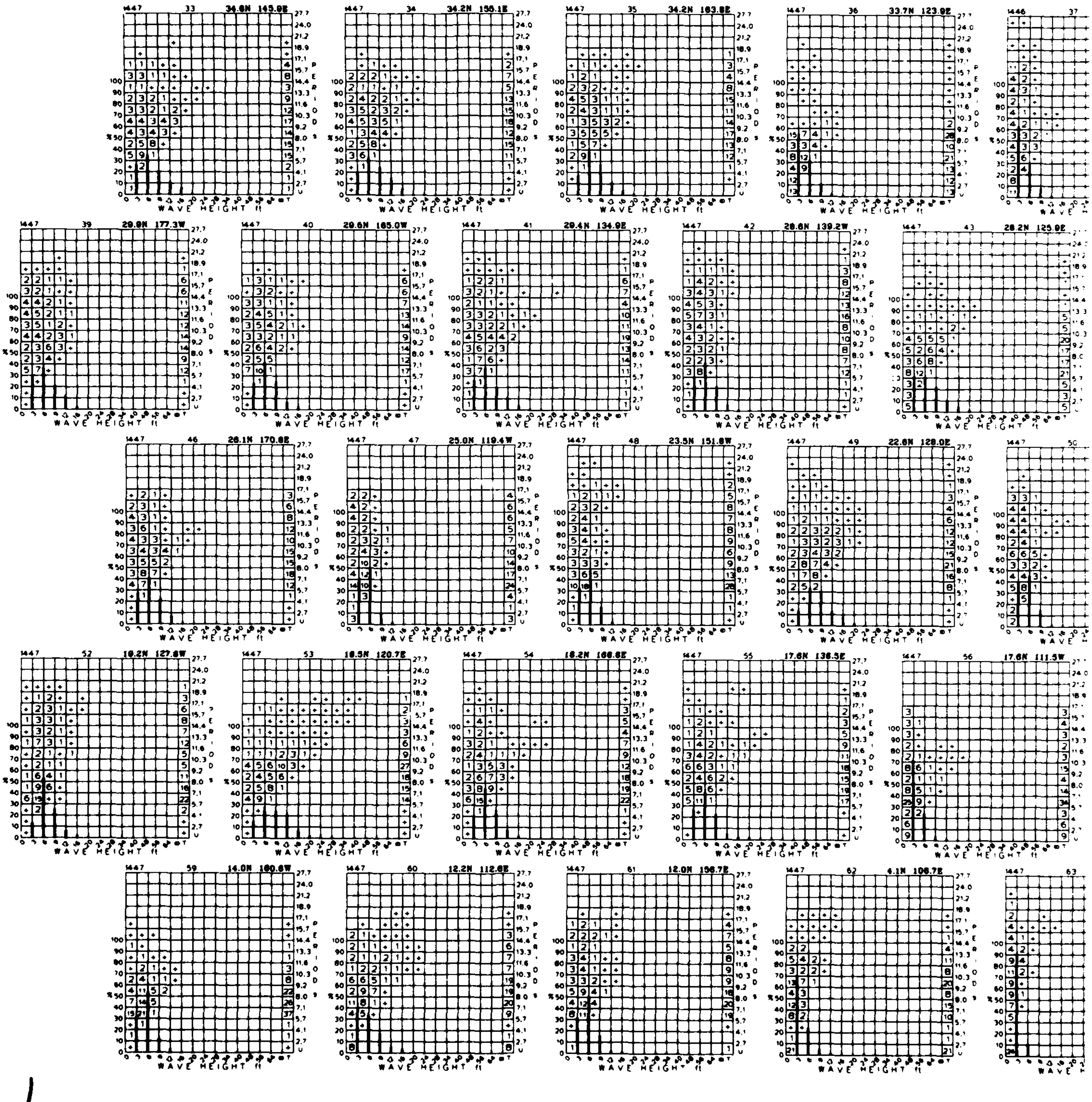
1447 2 59.4N 172.0W
1447 3 58.5N 151.8W
1447 4 56.8N 174.8E
1447 7 53.4N 164.7E
1447 8 52.0N 172.9E
1447 9 51.7N 158.8E
1447 10 51.7N 135.6W
1447 11 51.3N 156.6W
1447 14 48.3N 174.1E
1447 15 49.0N 128.4W
1447 16 47.1N 161.2E
1446 17 45.8N 139.3E
1447 20 44.2N 152.7W
1447 21 43.7N 128.7W
1447 22 42.8N 167.5W
1447 23 42.4N 172.1E
1447 24 41.0N 134.9W
1447 27 38.2N 127.4W
1447 28 38.1N 123.8W
1447 29 35.9N 171.0W
1447 30 35.7N 170.1E
WAVE HEIGHT ft

WAVE HEIGHT AND PERIOD

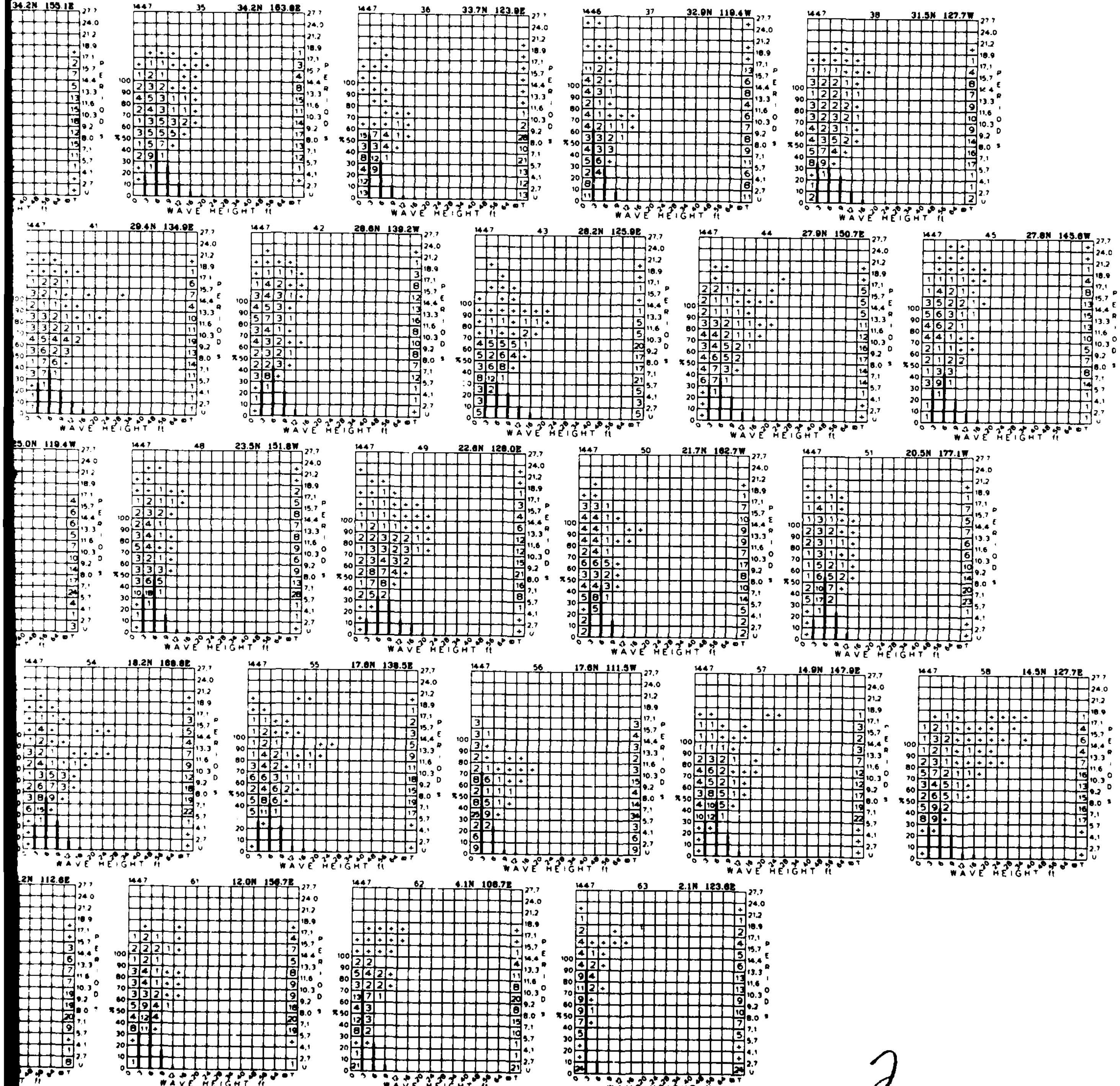


4

WAVE HEIGHT AND PERIOD (Cont'd)



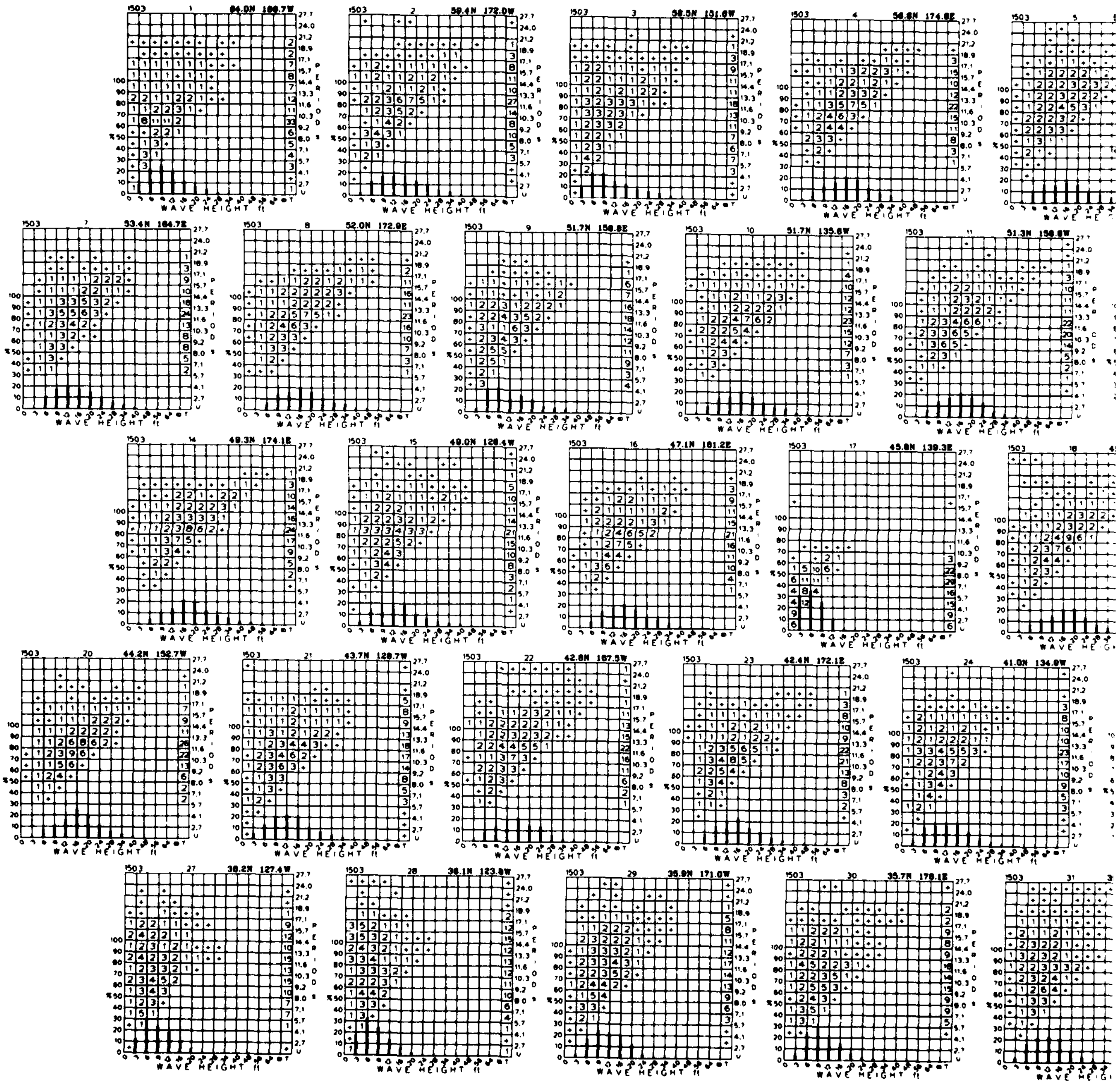
OCTOBER


34.2N 155.1E
1447 35 34.2N 163.8E
1447 36 33.7N 123.9E
1446 37 32.9N 119.4W
1447 38 31.5N 127.7W
1447 41 29.4N 134.9E
1447 42 28.8N 139.2W
1447 43 28.2N 125.9E
1447 44 27.9N 150.7E
1447 45 27.8N 145.6W
25.0N 119.4W
1447 48 23.5N 151.8W
1447 49 22.6N 128.0E
1447 50 21.7N 162.7W
1447 51 20.5N 177.1W
1447 54 18.2N 169.8E
1447 55 17.6N 138.5E
1447 56 17.6N 111.5W
1447 57 14.9N 147.9E
1447 58 14.5N 127.7E
2N 112.6E
1447 61 12.0N 156.7E
1447 62 4.1N 108.7E
1447 63 2.1N 123.6E
WAVE HEIGHT ft
PERIOD s
%

2

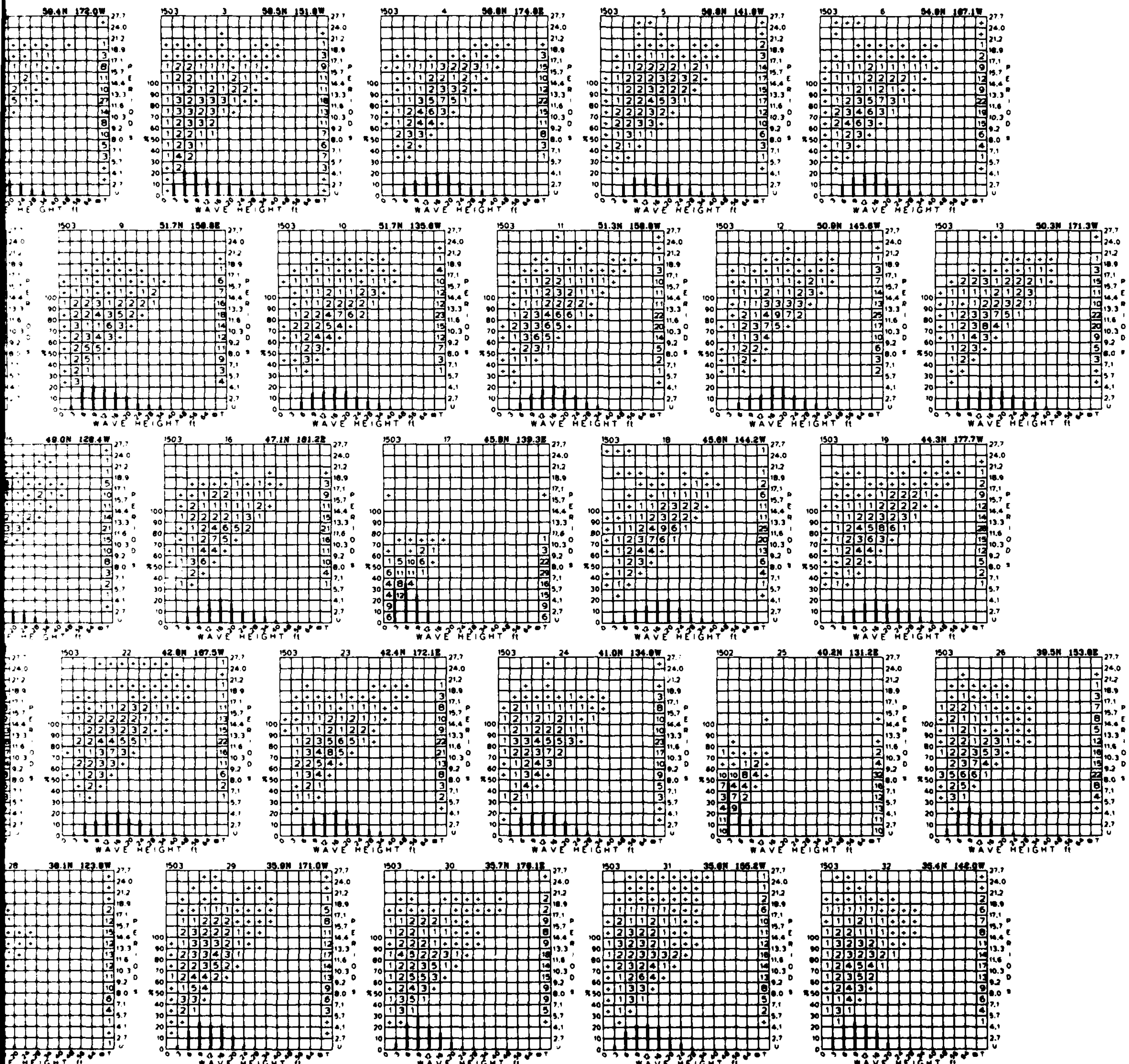
NOVEMBER

WAVE



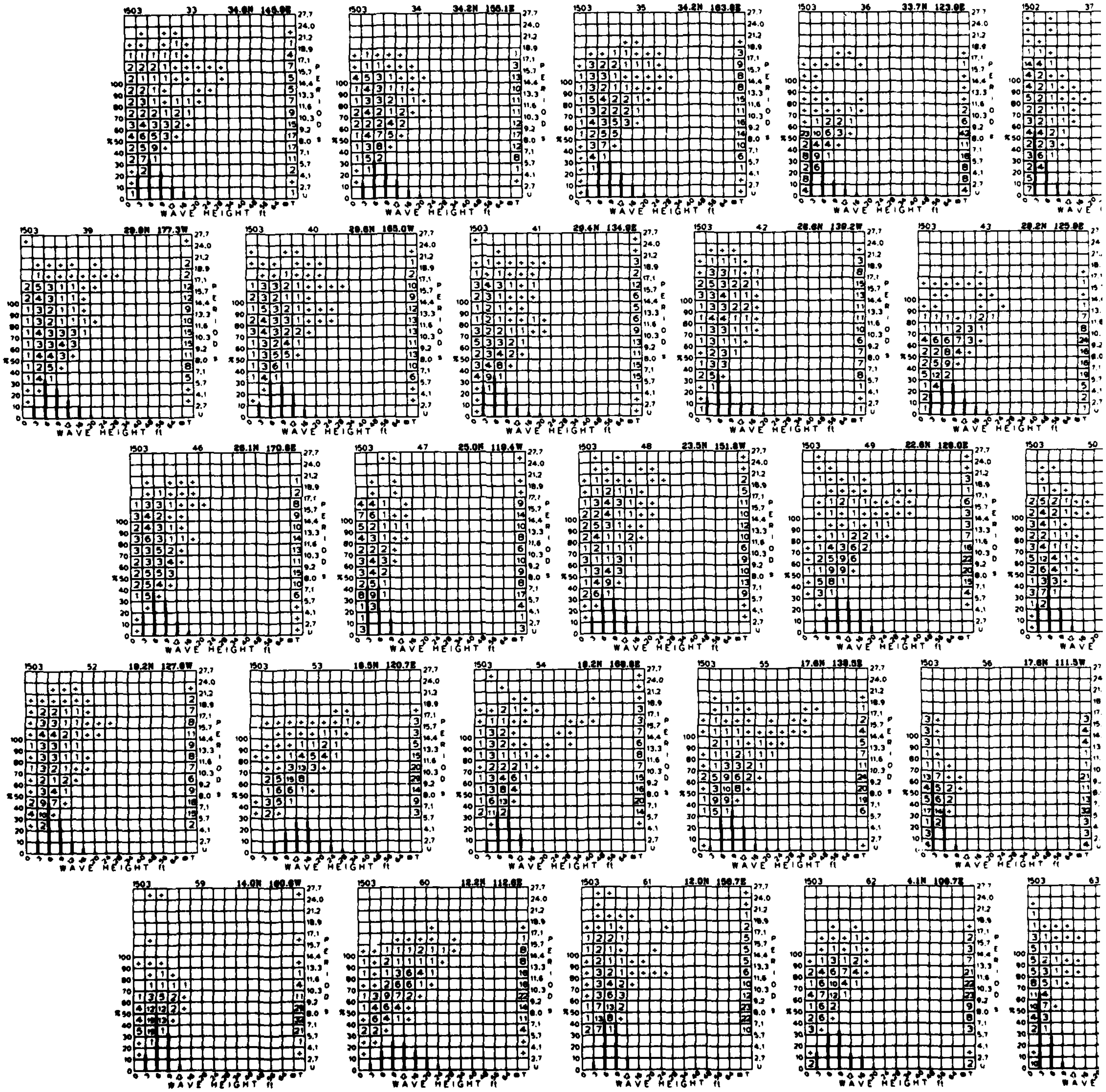
3

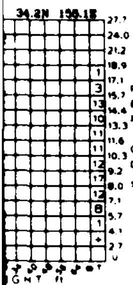
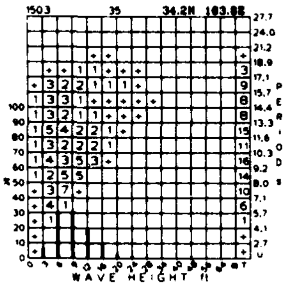
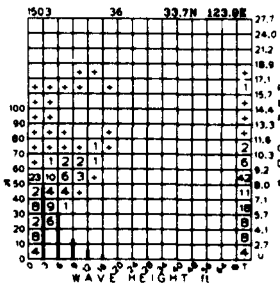
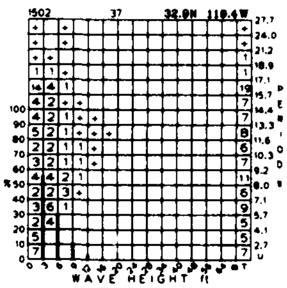
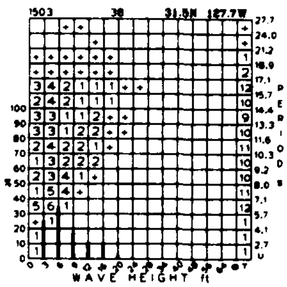
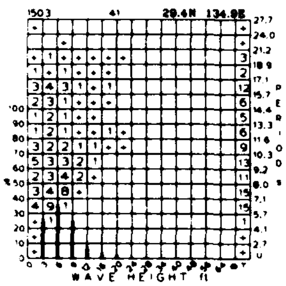
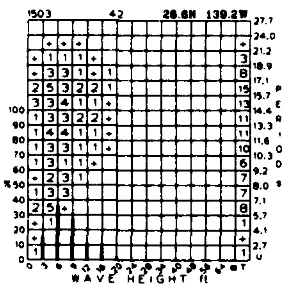
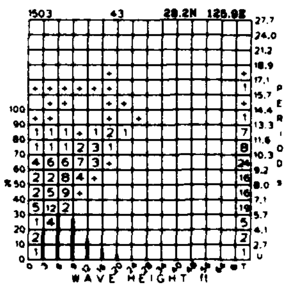
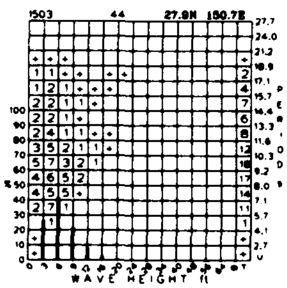
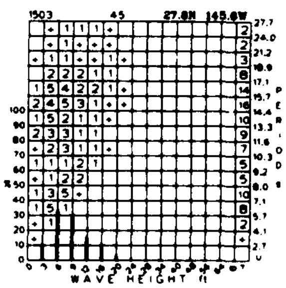
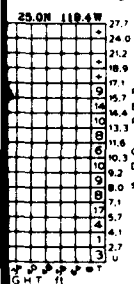
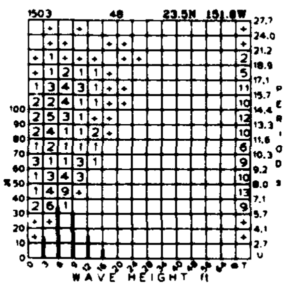
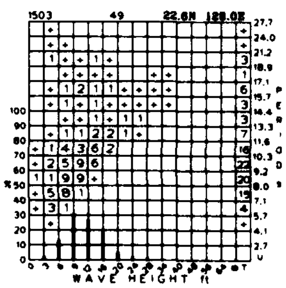
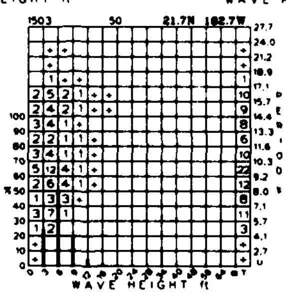
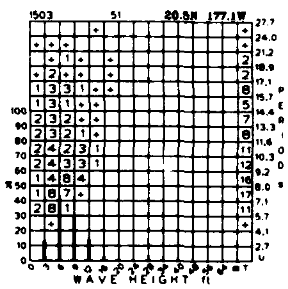
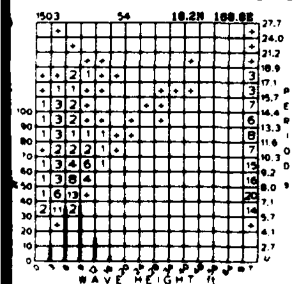
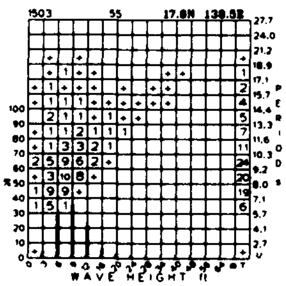
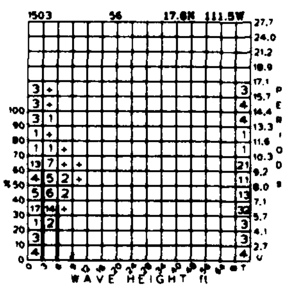
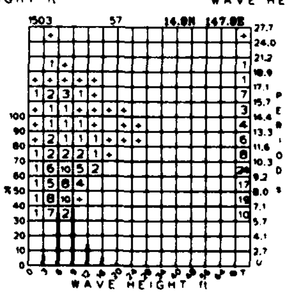
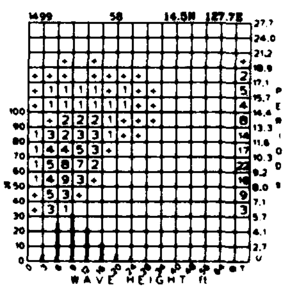
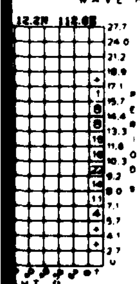
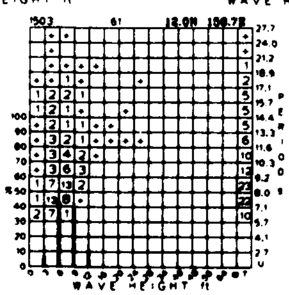
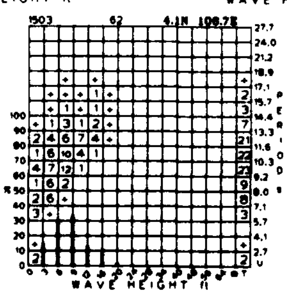
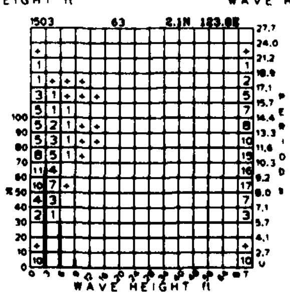
WAVE HEIGHT AND PERIOD



4

WAVE HEIGHT AND PERIOD (Cont'd)

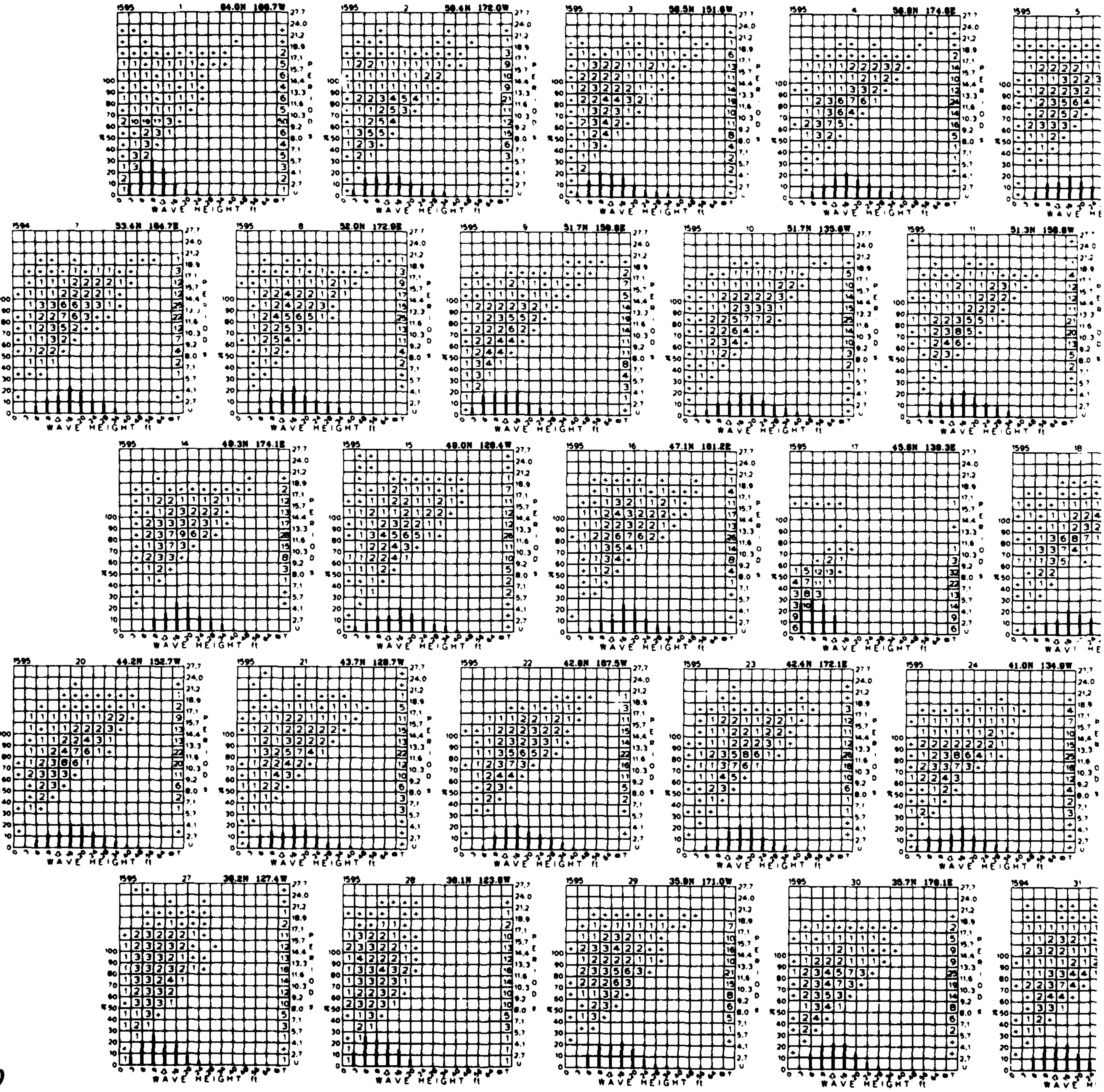


2

DECEMBER

WAVE



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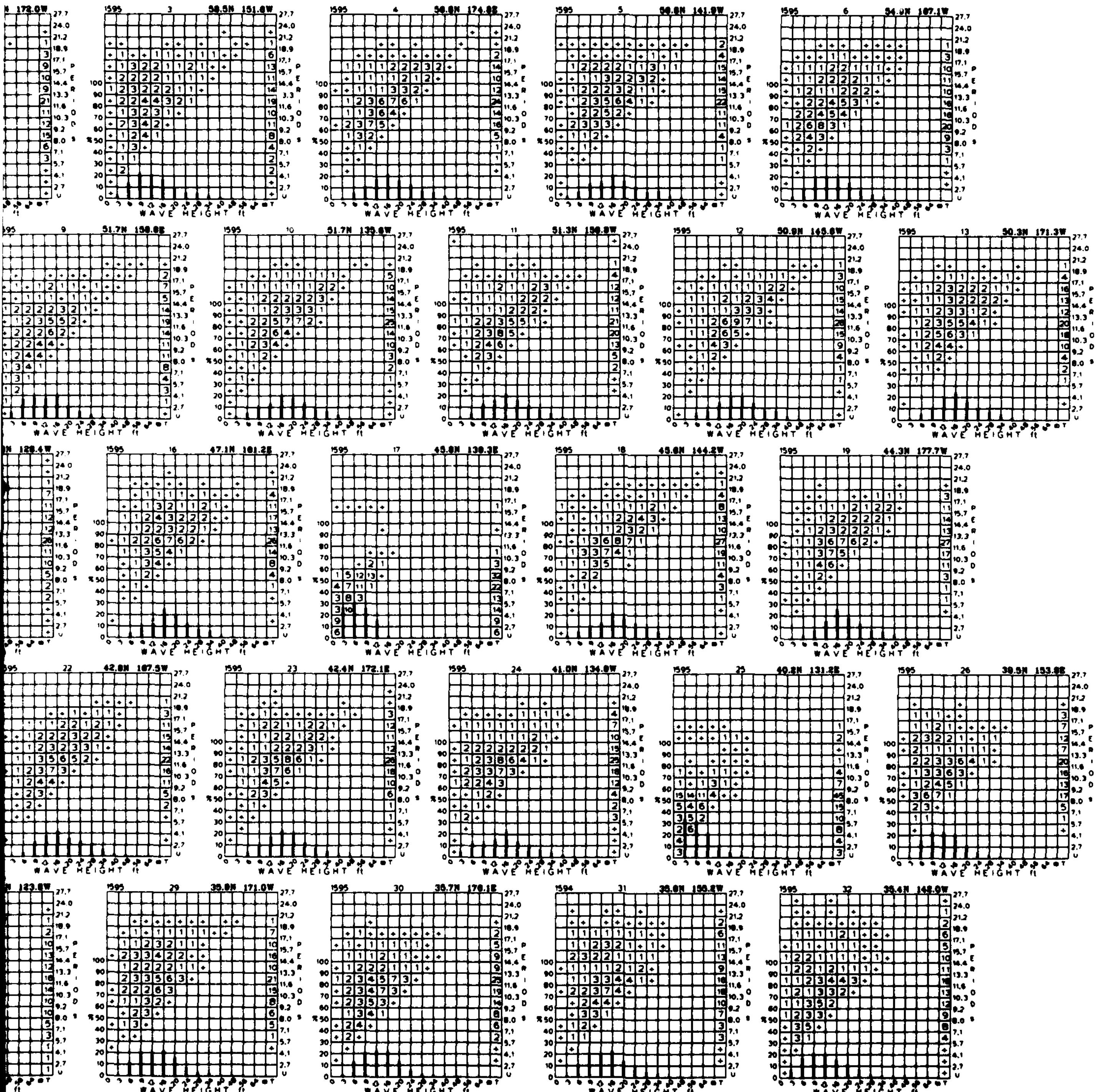
WAVE HEIGHT AND PERIOD



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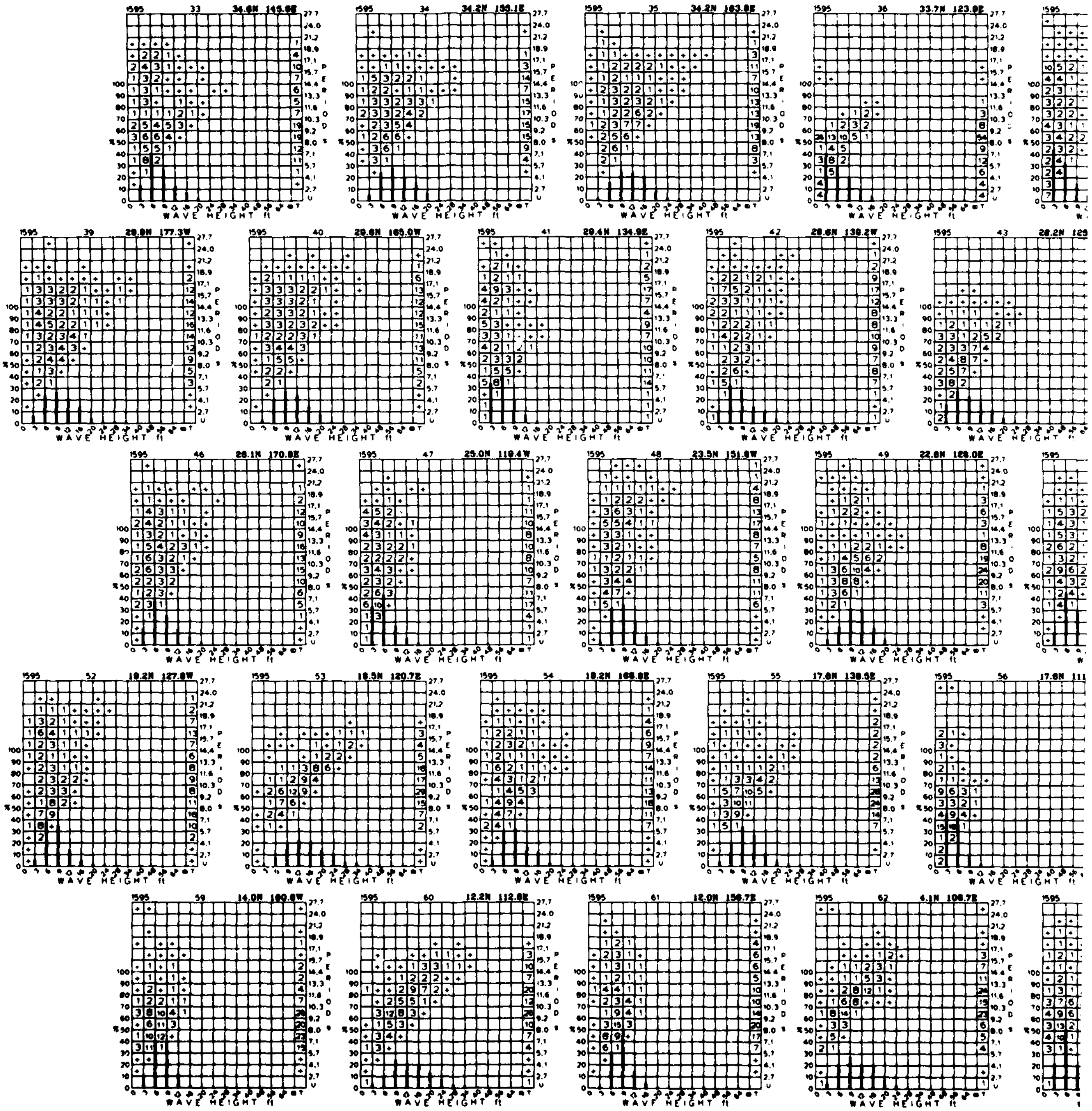
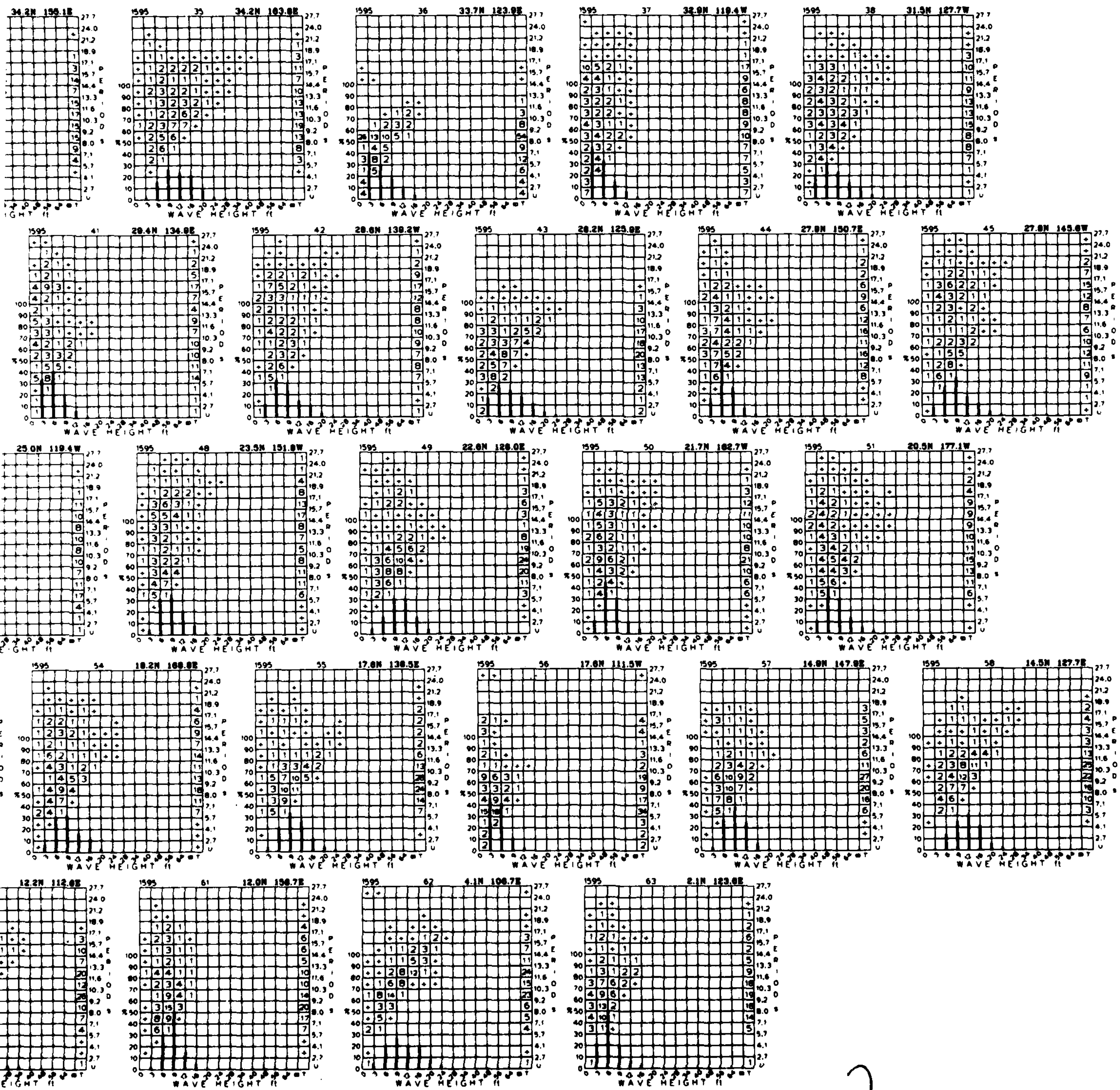


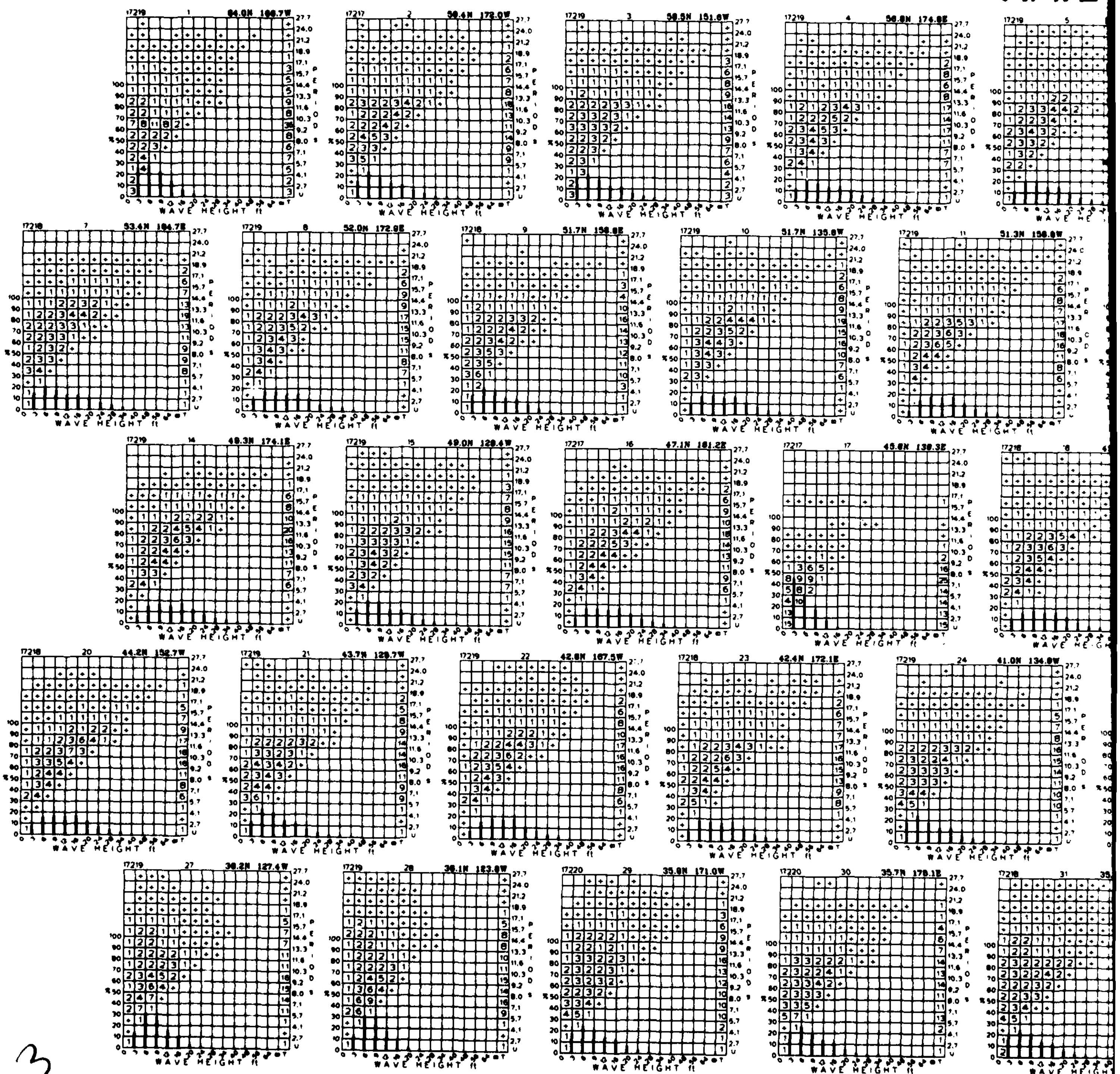
IOD (Cont'd)

DECEMBER

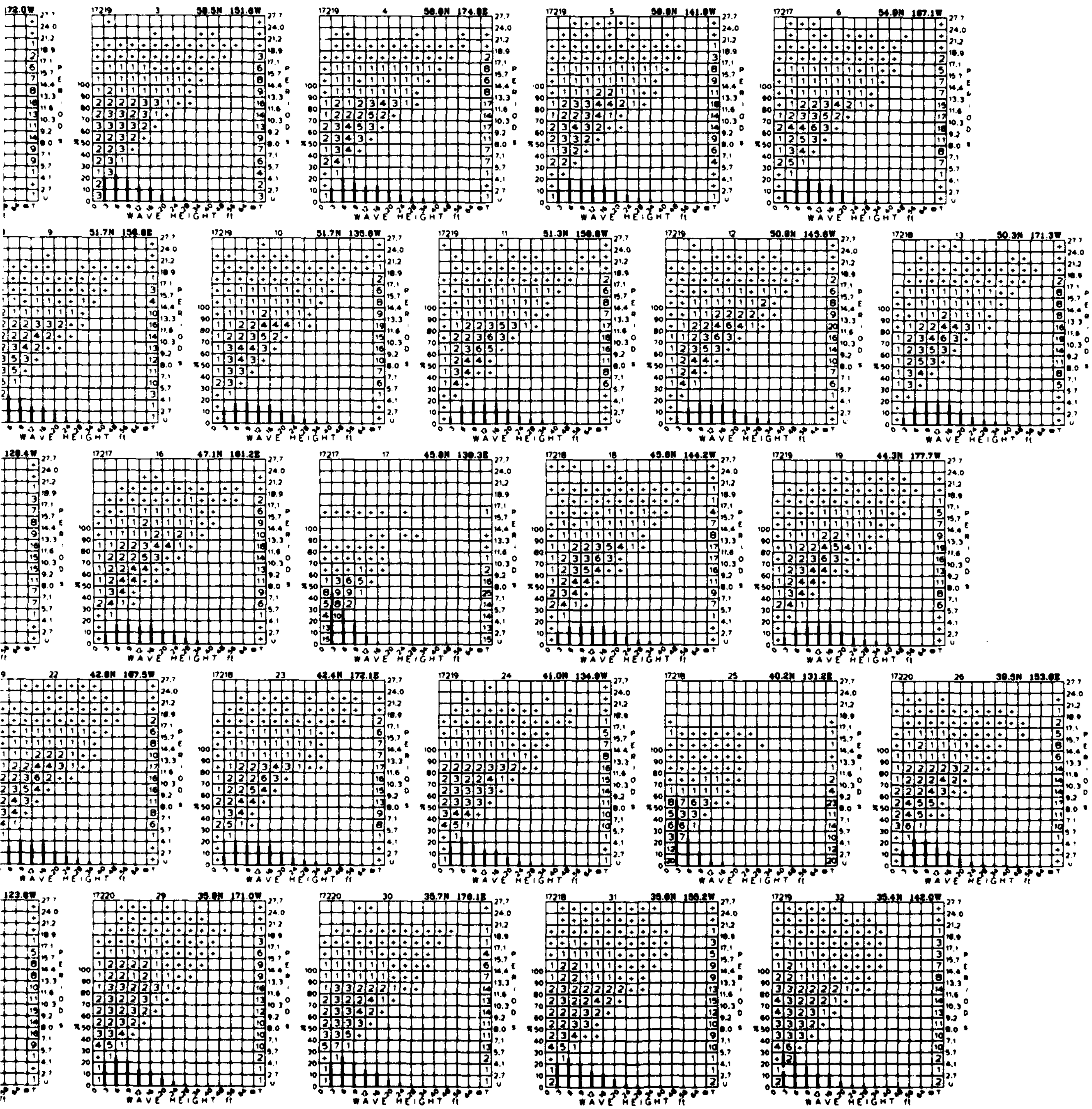


2

ANNUAL WAVE



WAVE HEIGHT AND PERIOD



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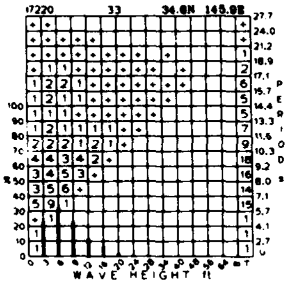

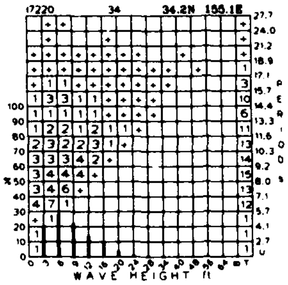

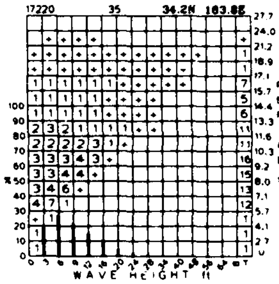

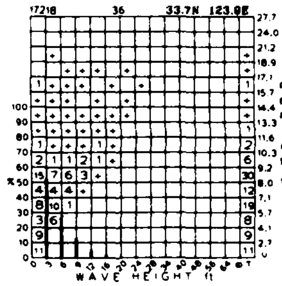

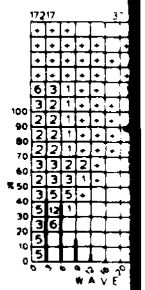

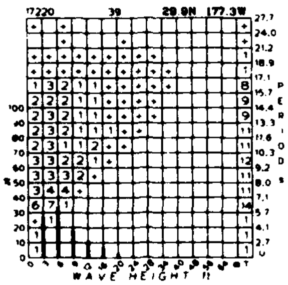

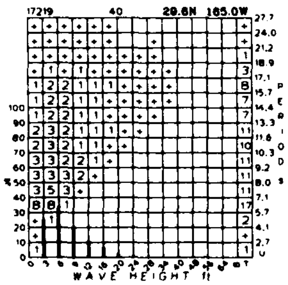

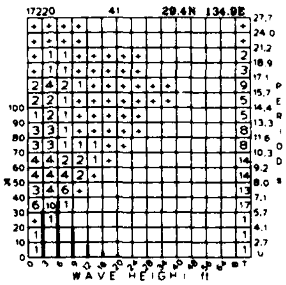

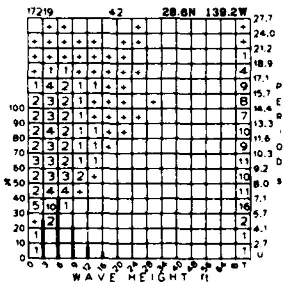

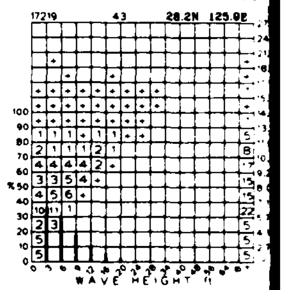

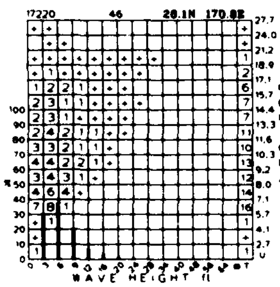

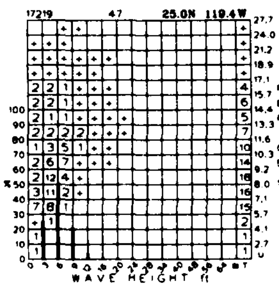

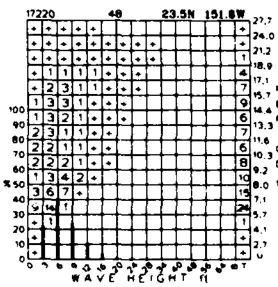

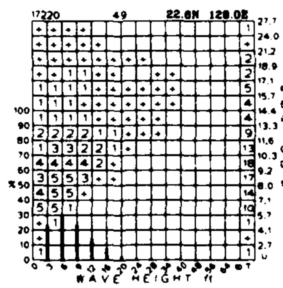

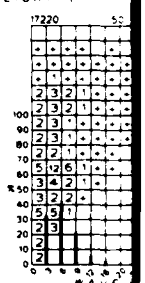

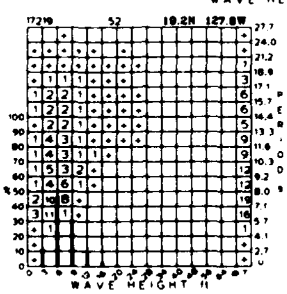

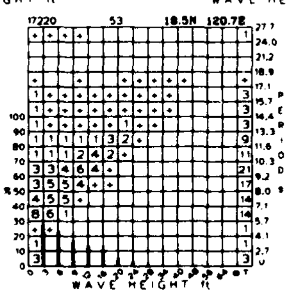

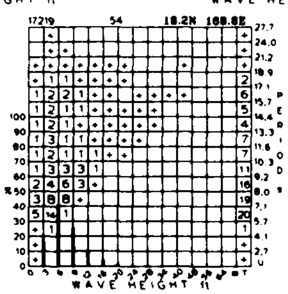

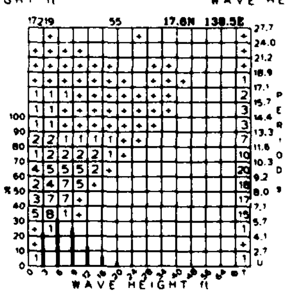

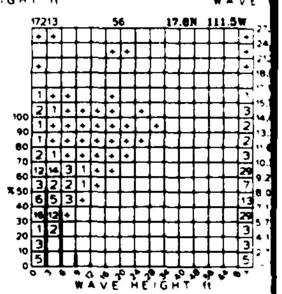

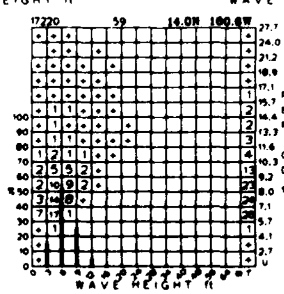

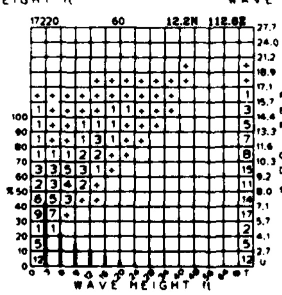

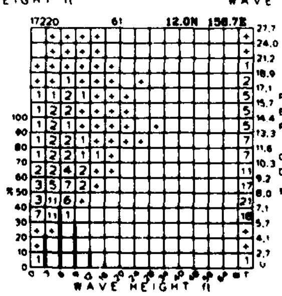

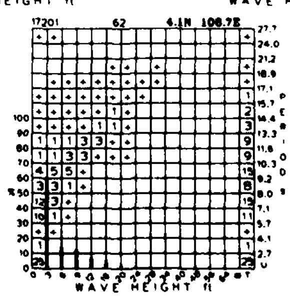

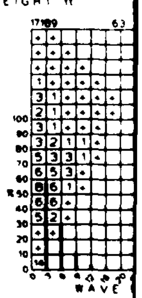

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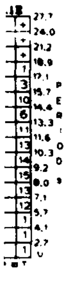
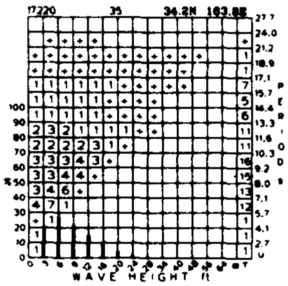
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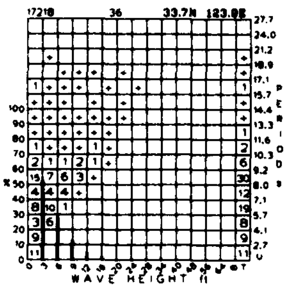
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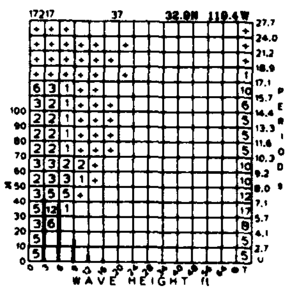
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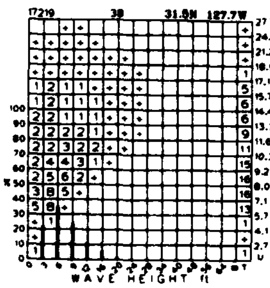
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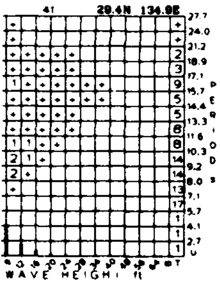
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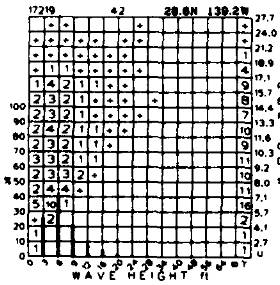
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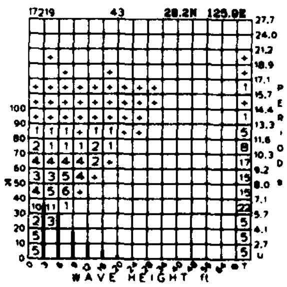
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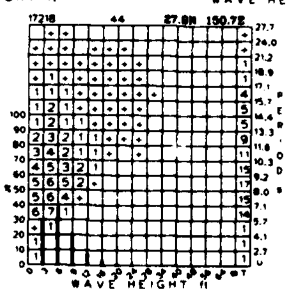
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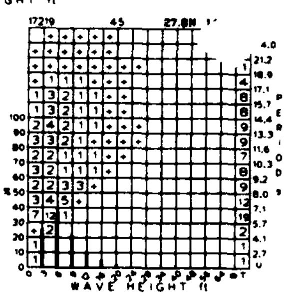
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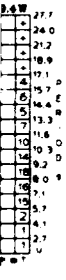
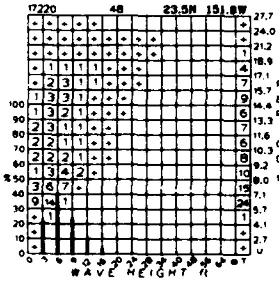
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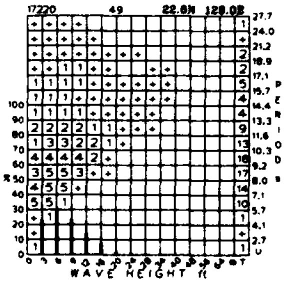
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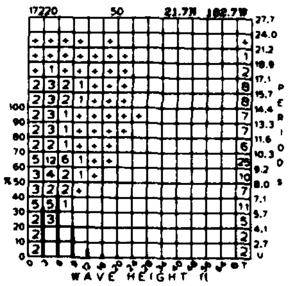
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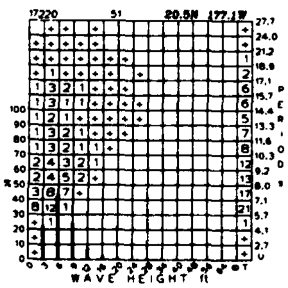
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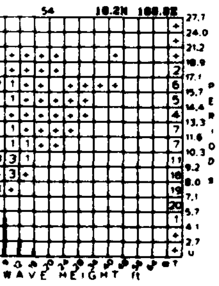
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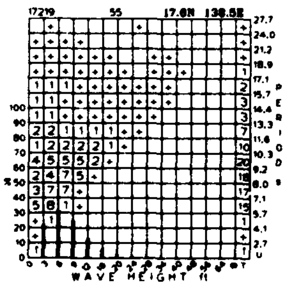
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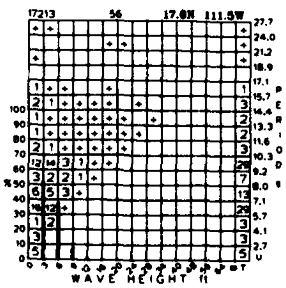
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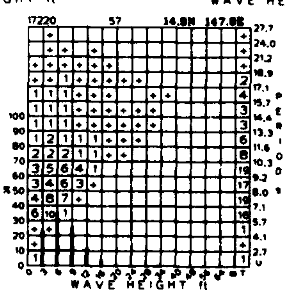
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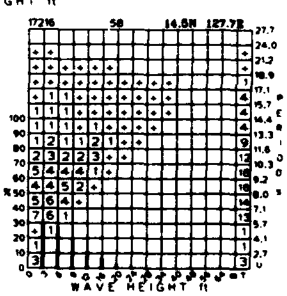
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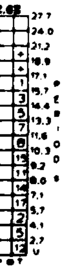
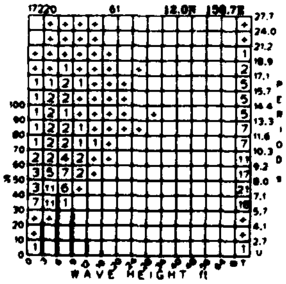
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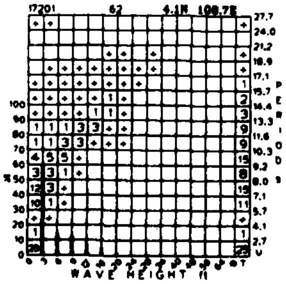
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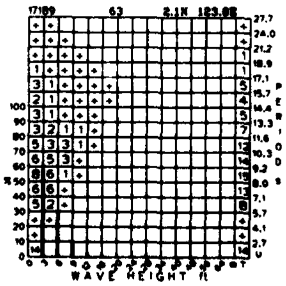
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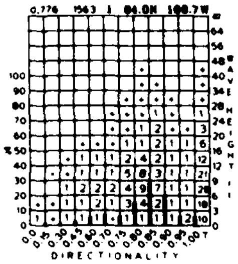
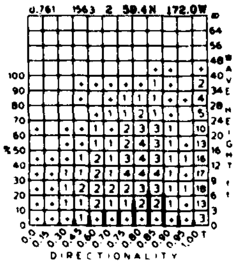
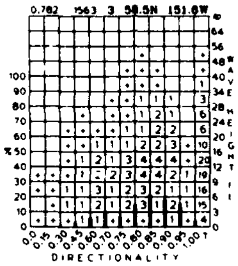
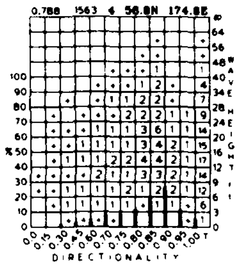
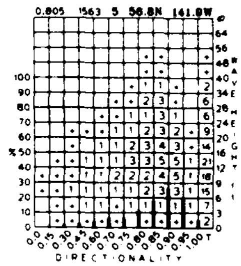
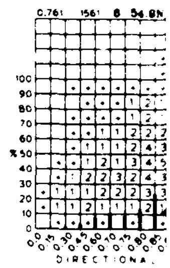
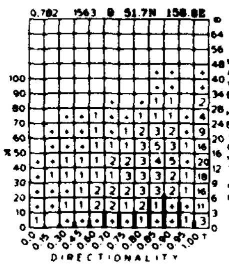
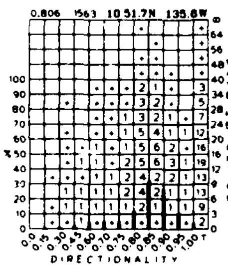
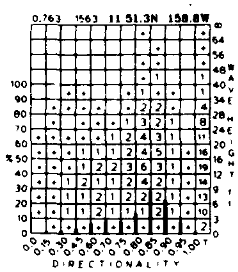
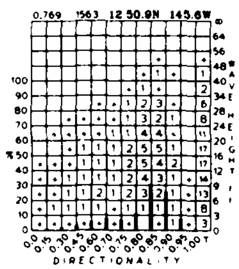
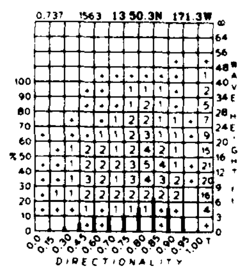
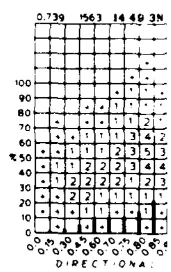
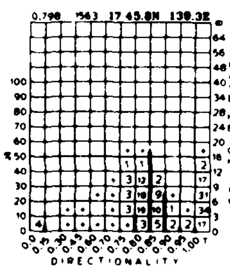
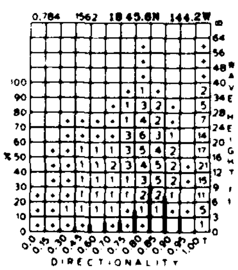
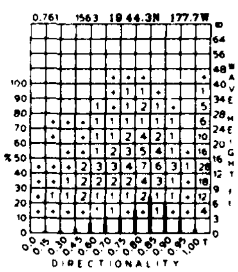
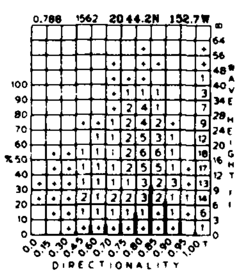
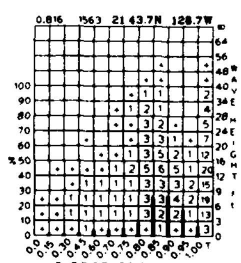
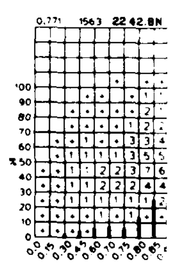
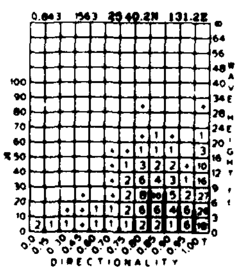
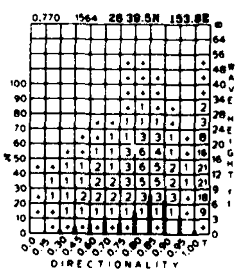
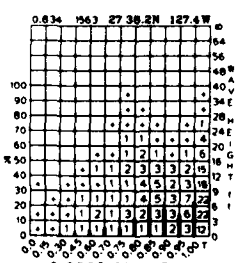
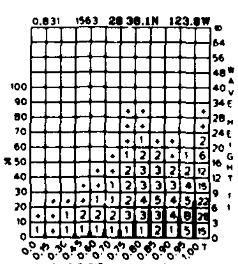
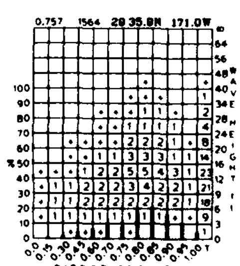
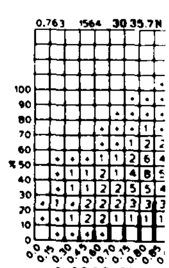
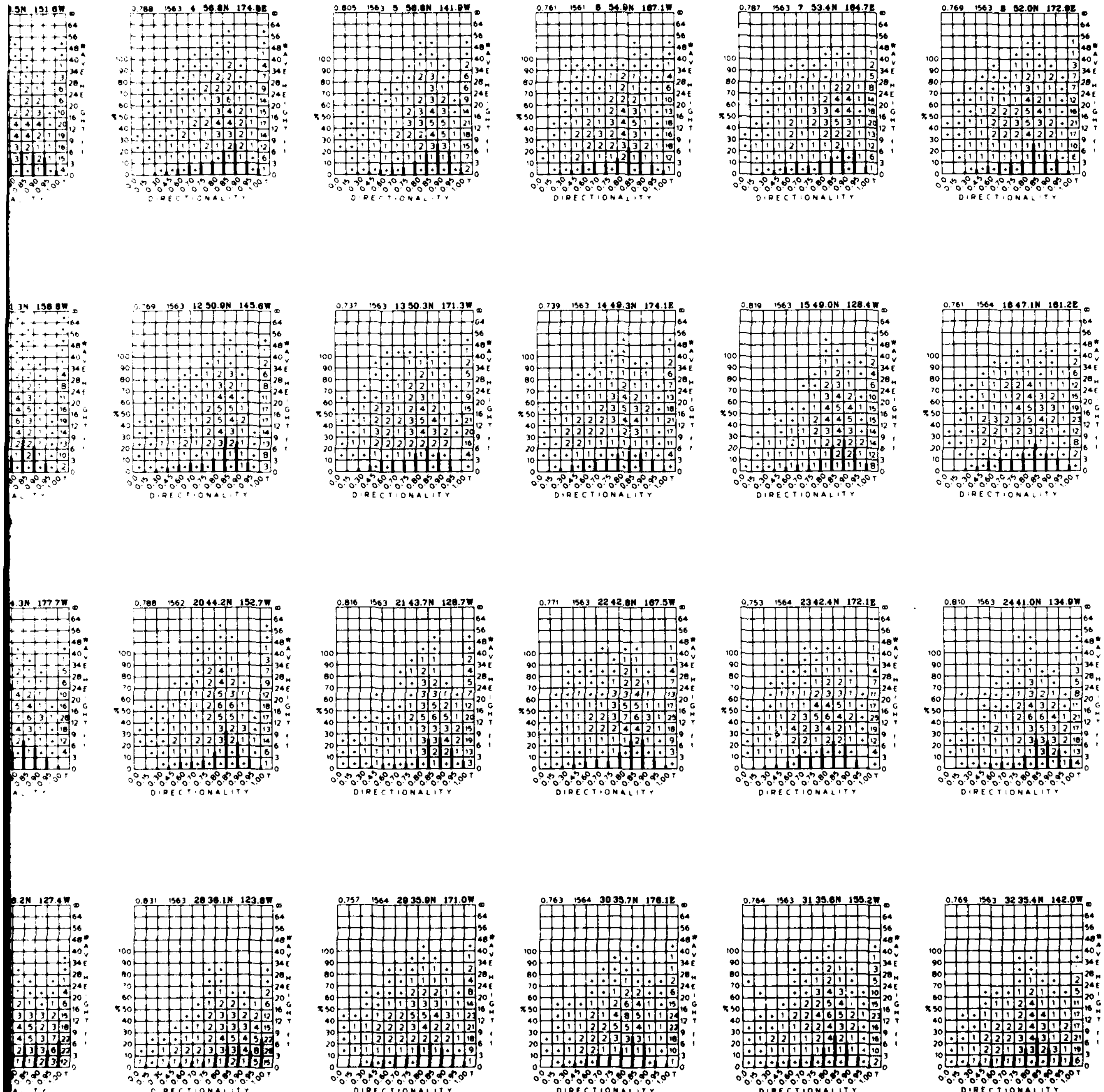
JANUARY

WAVE HEIGHT

3

WAVE HEIGHT AND DIRECTIONALITY



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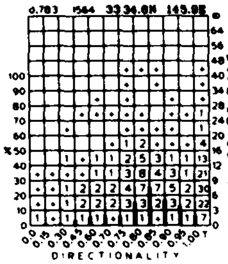
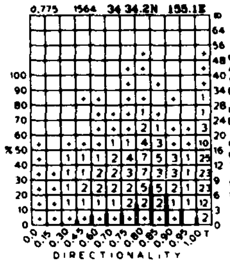
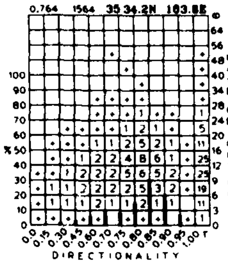
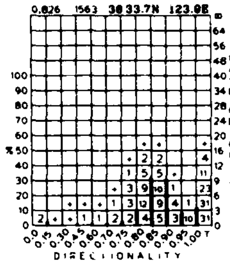
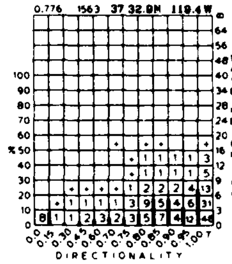
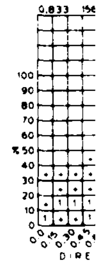


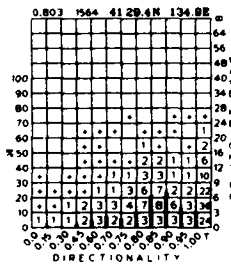


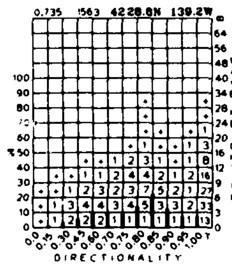


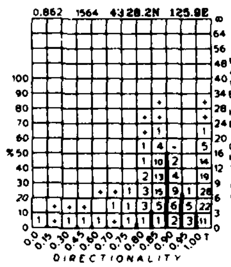


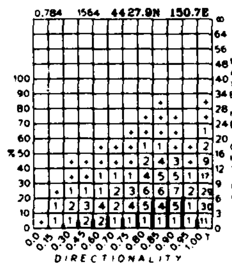


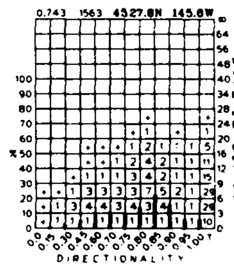


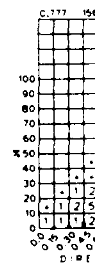


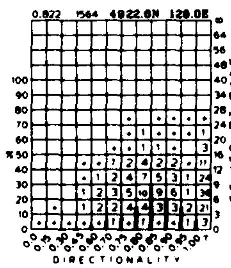


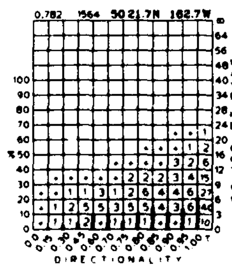


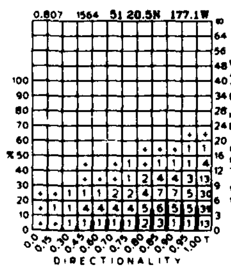


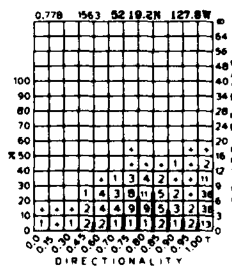


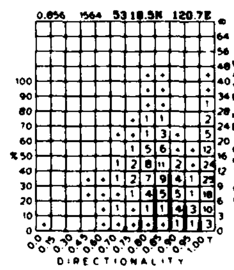


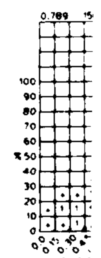


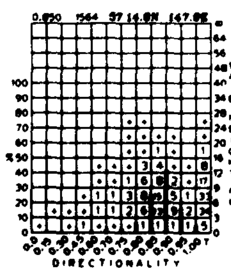


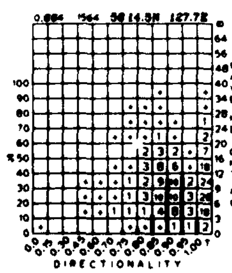


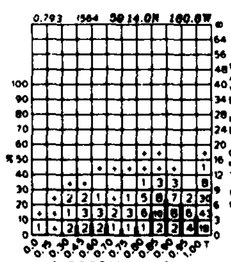


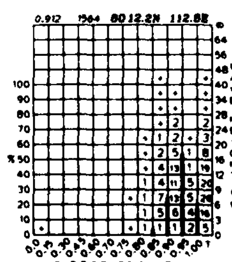


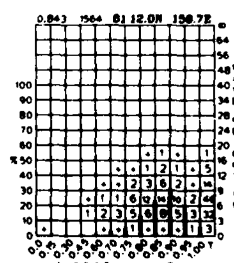


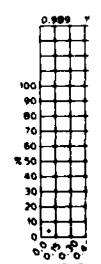


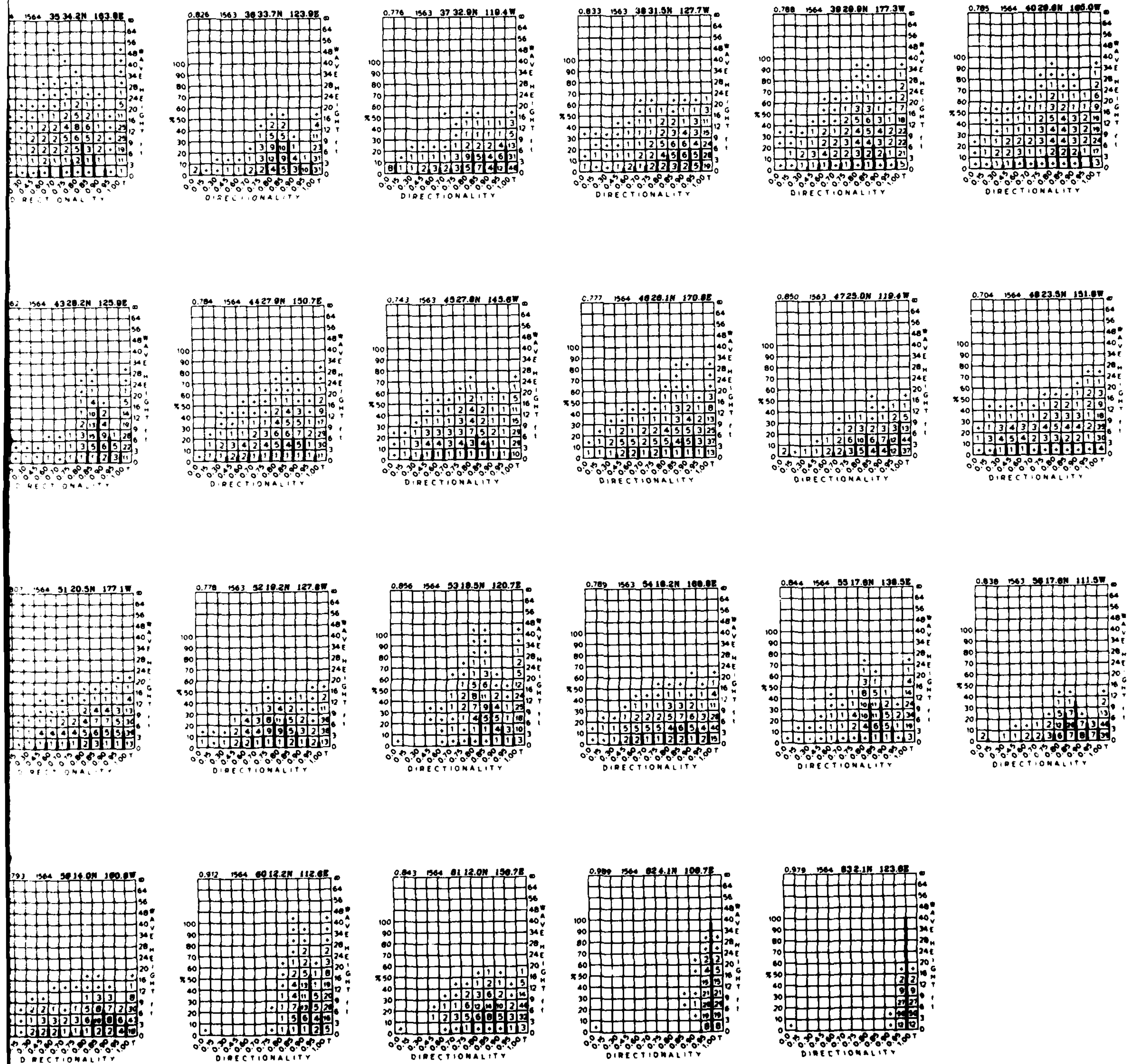




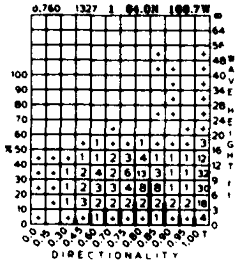
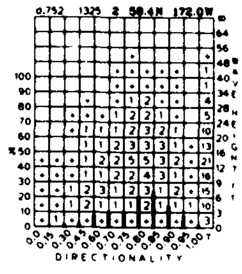
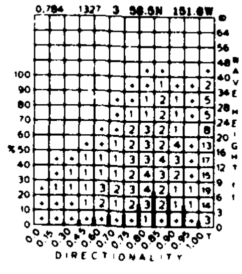
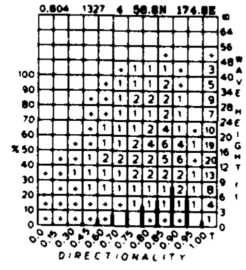
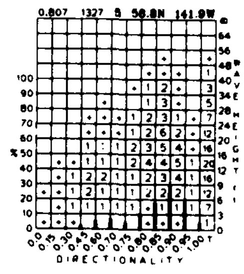
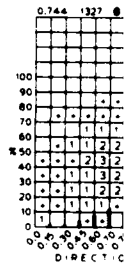
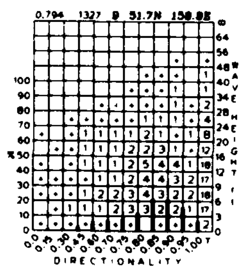
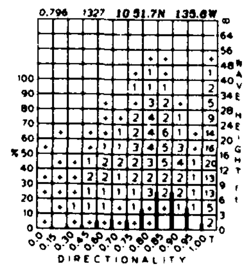
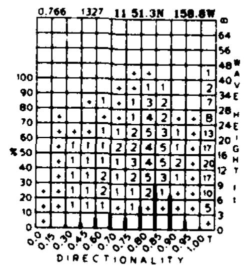
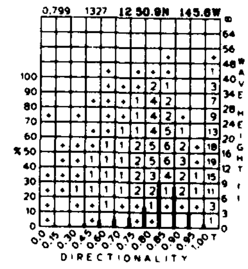
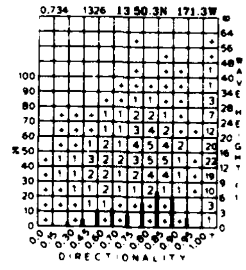
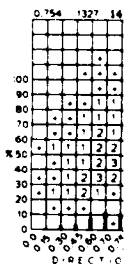
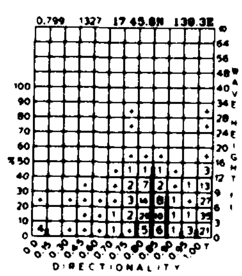
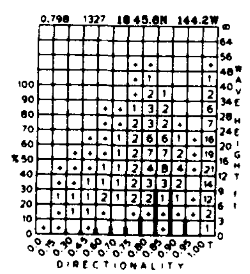
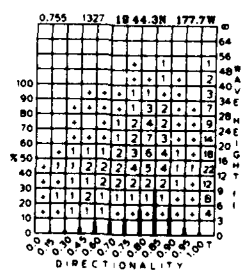
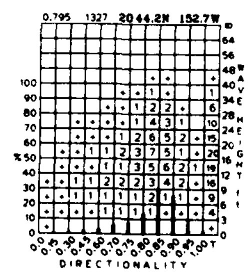
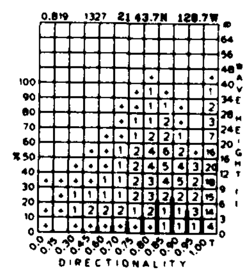
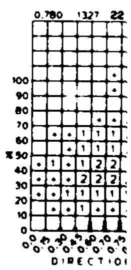
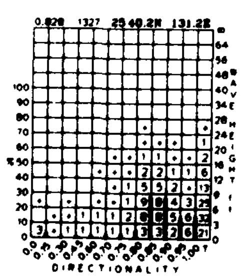
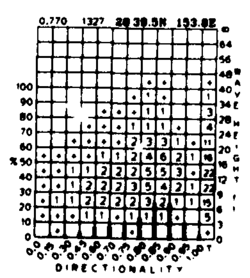
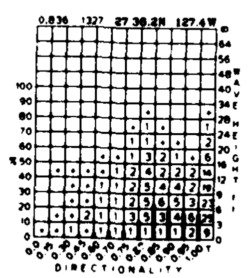
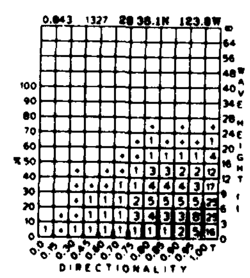
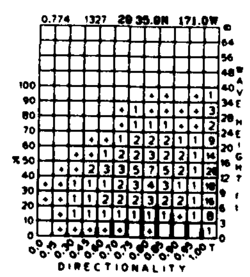
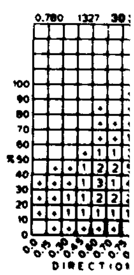








FEBRUARY WAVE HEIGH

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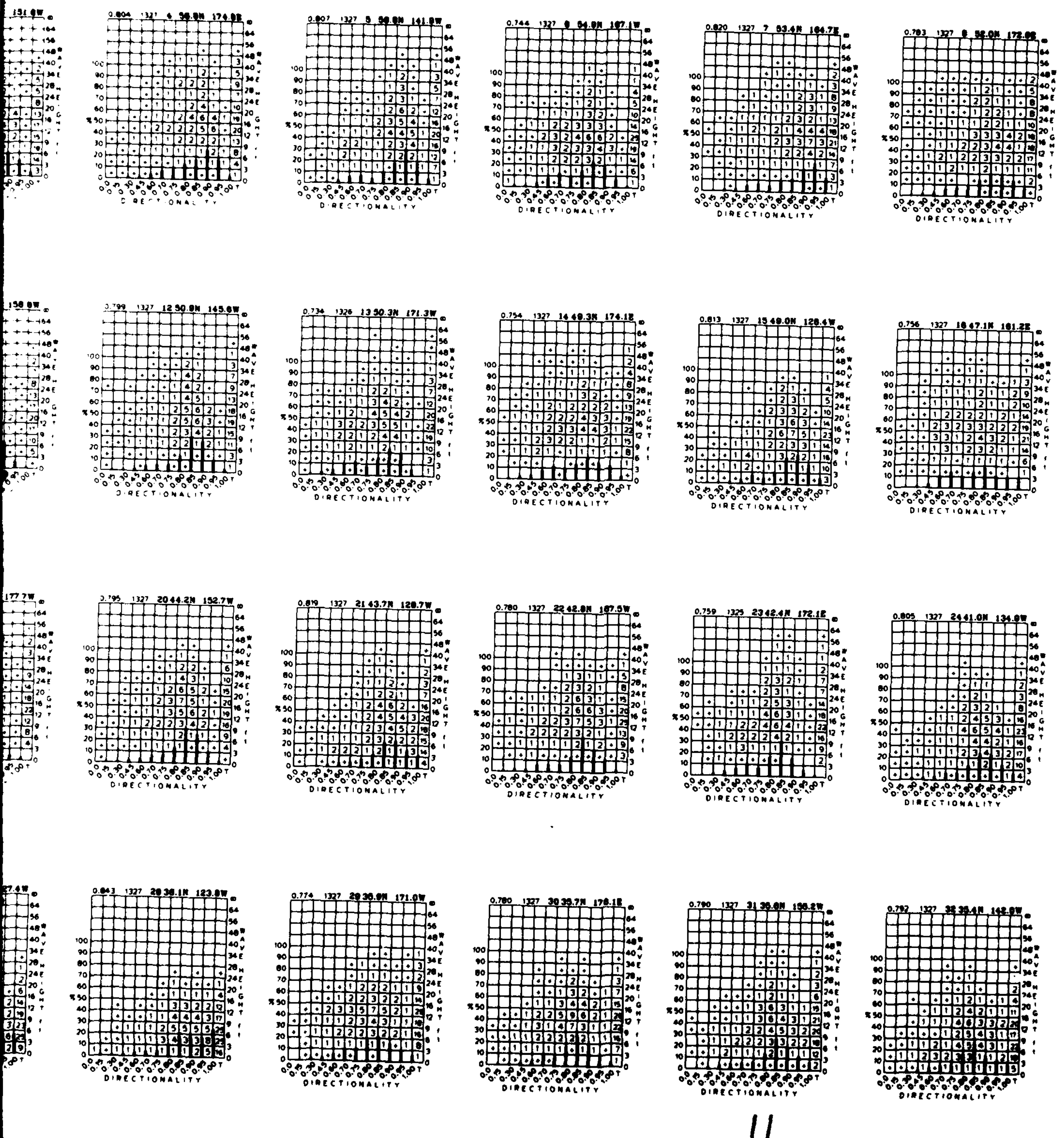
WAVE HEIGHT AND DIRECTIONALITY



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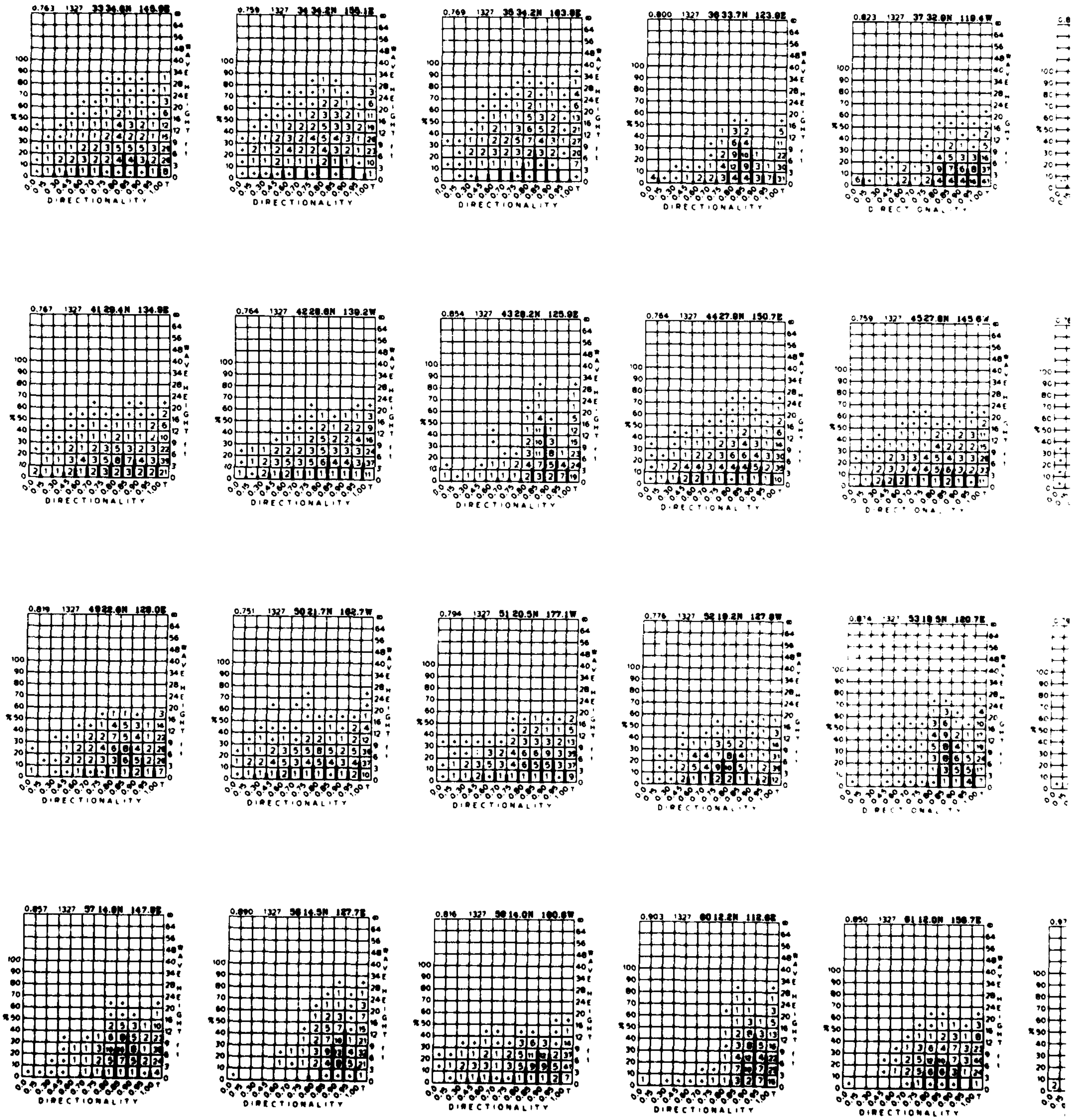
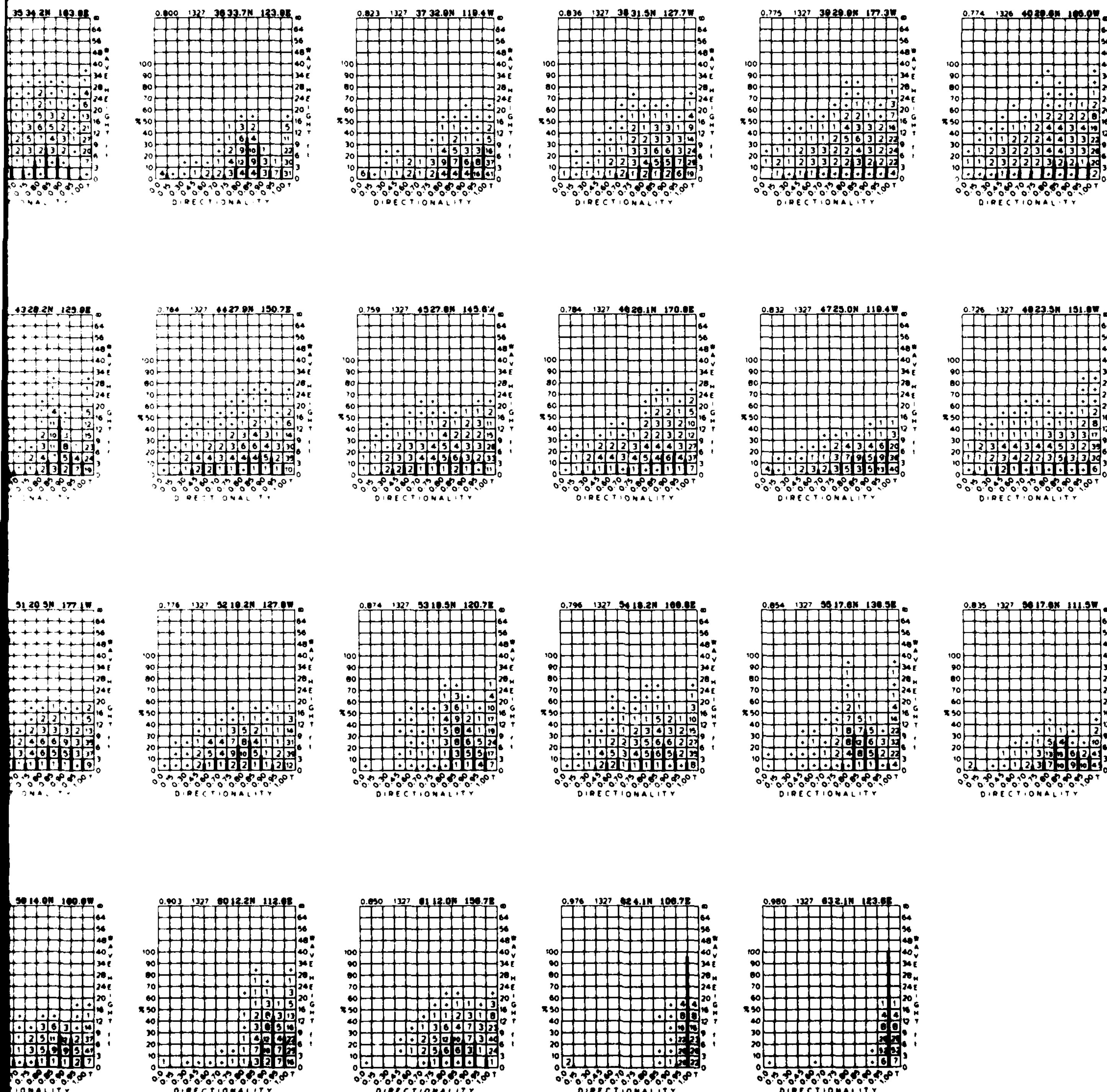


TIONALITY (Cont'd) FEBRUARY



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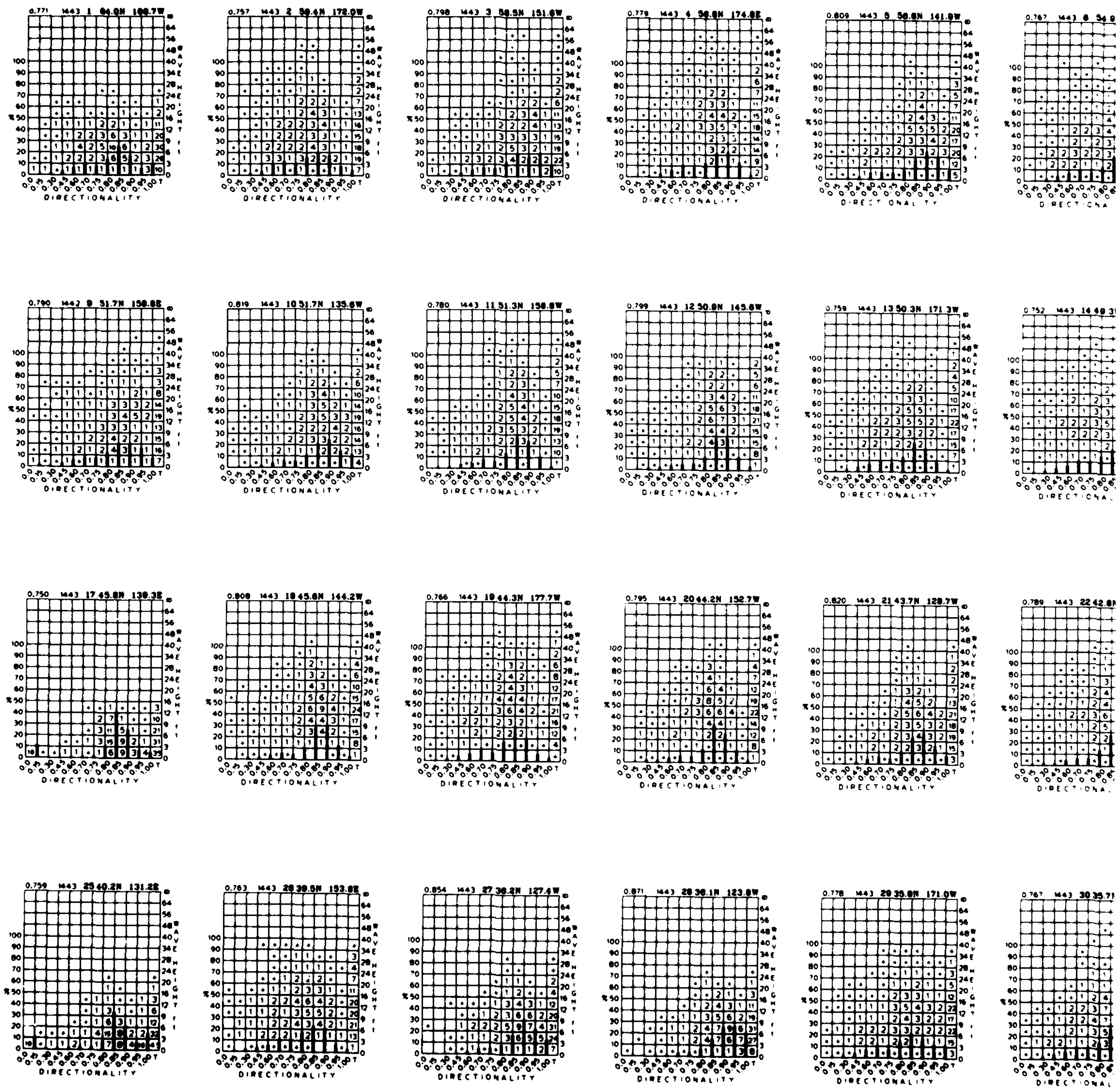
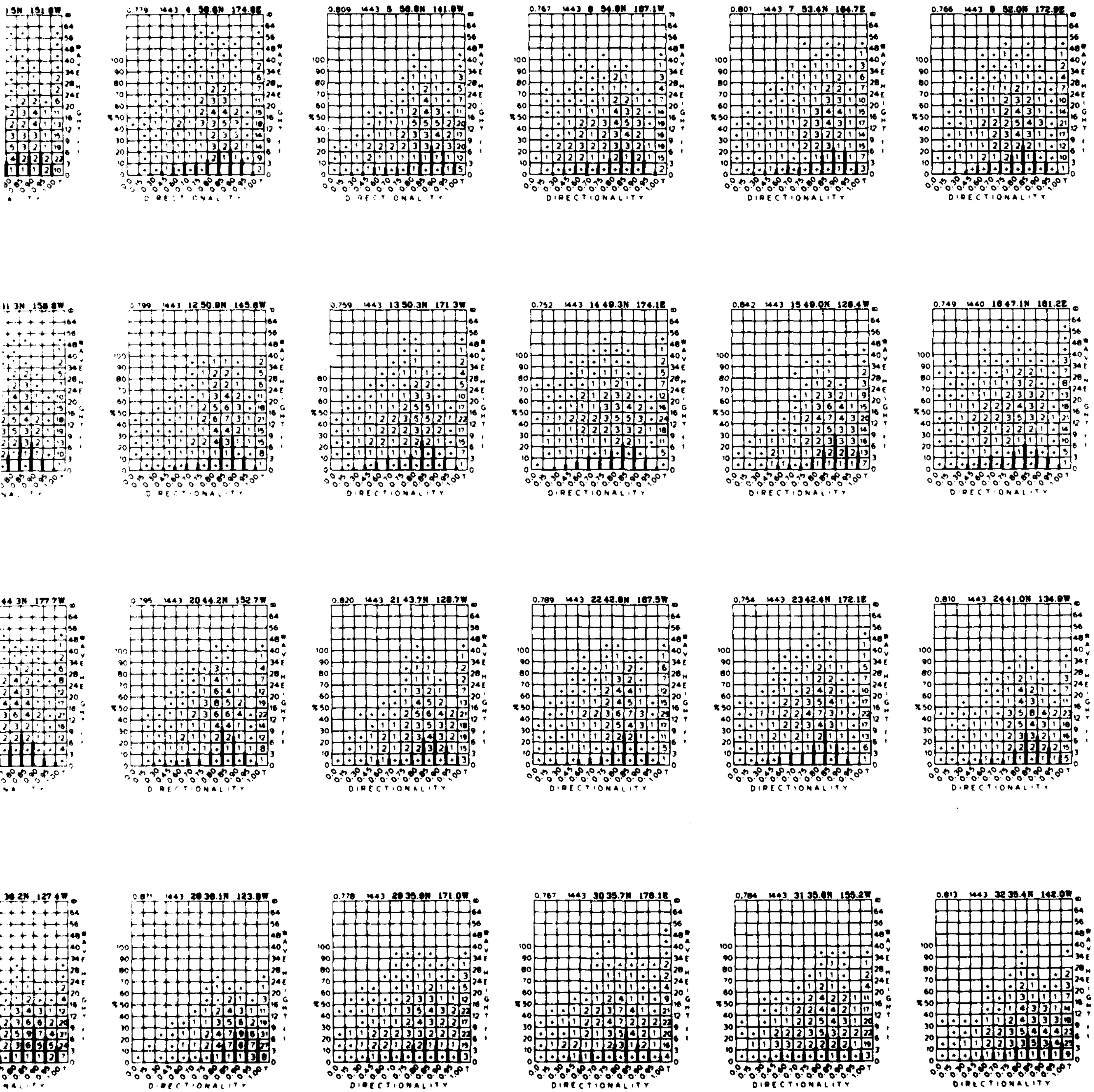

DIRECTIONALITY
WAVE HEIGHT
%

WAVE HEIGHT AND DIRECTIONALITY



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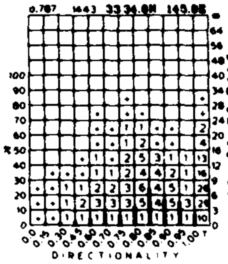
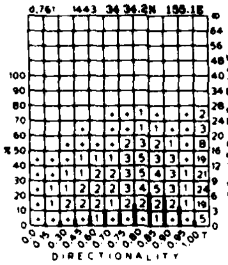
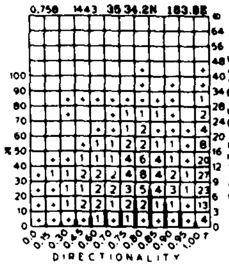
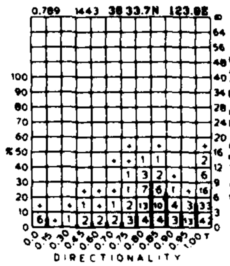
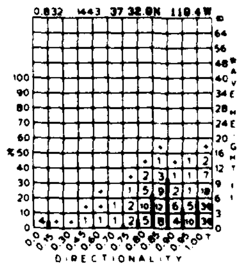
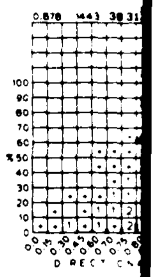


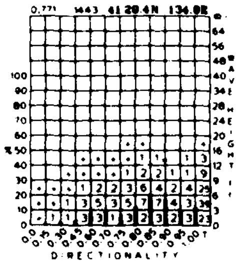


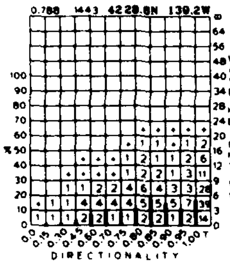


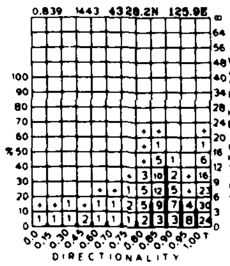


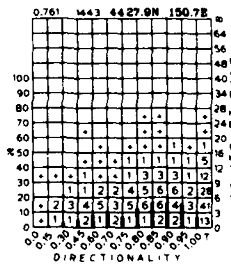


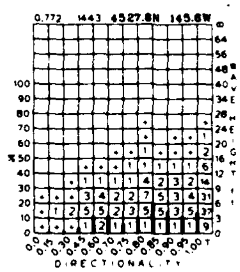


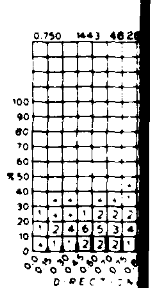


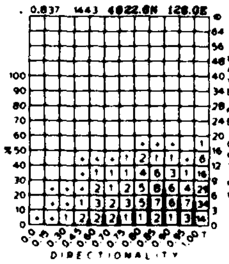


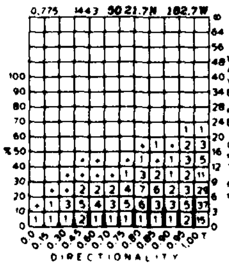


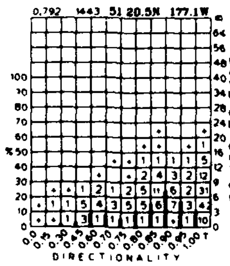


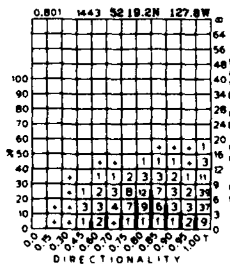


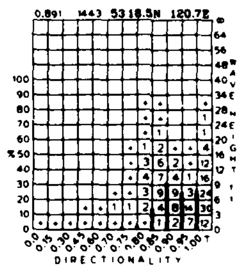


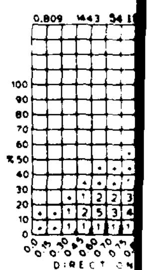


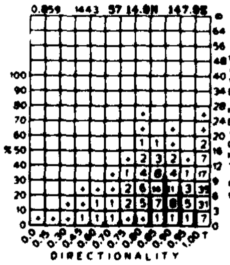


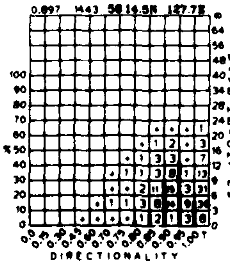


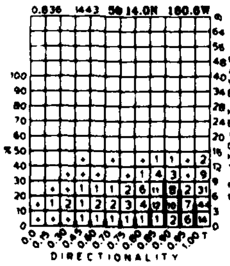


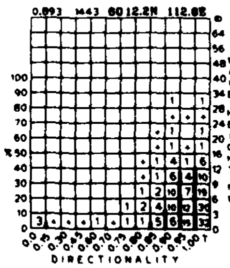


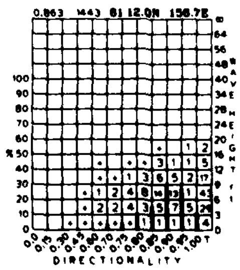


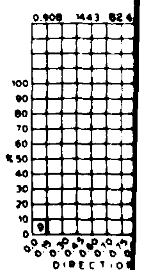






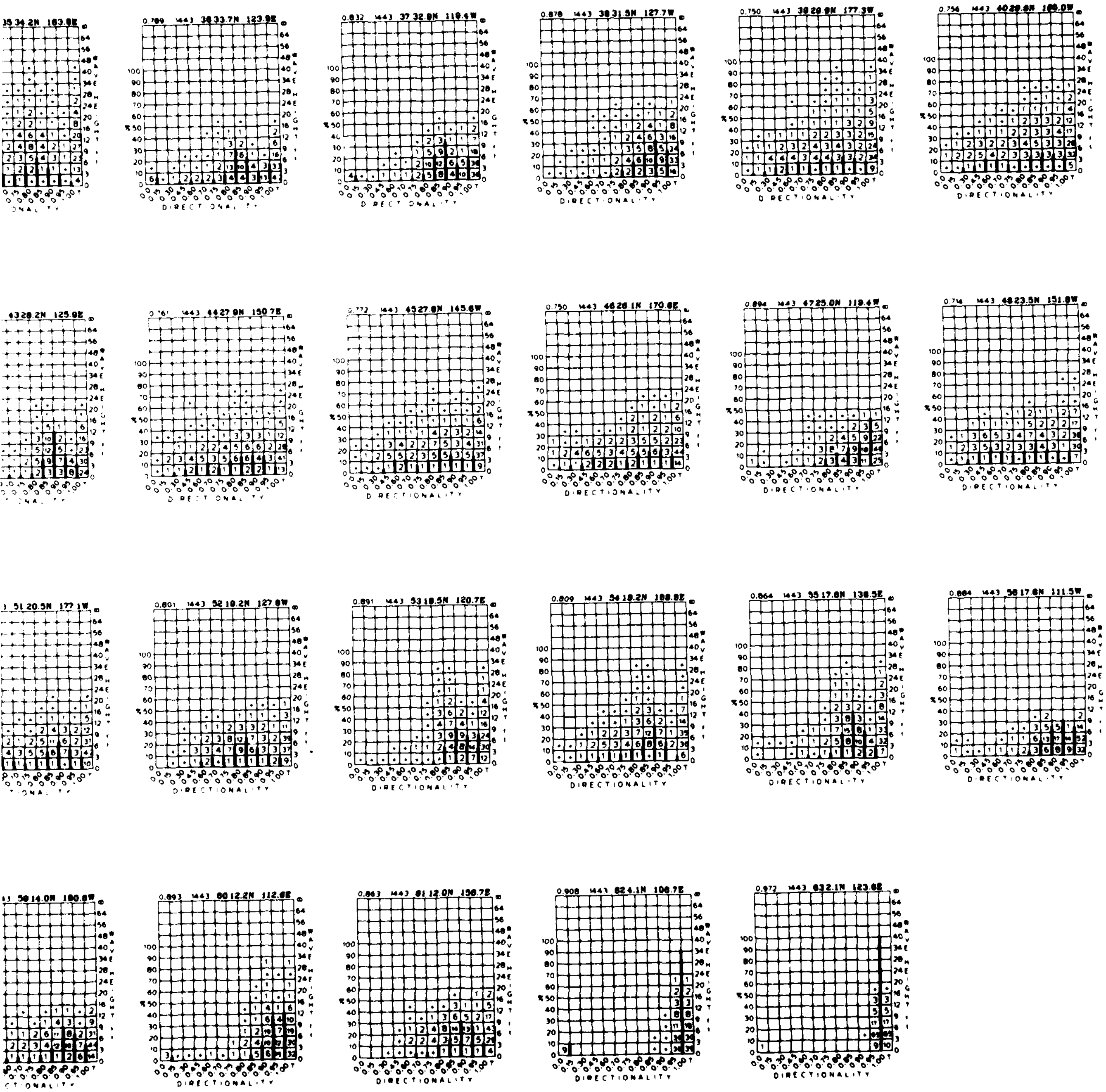






TIONALITY (Cont'd)

MARCH



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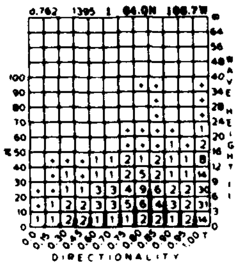
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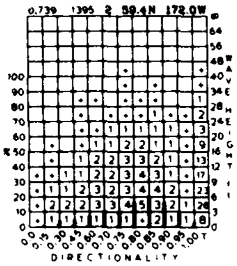
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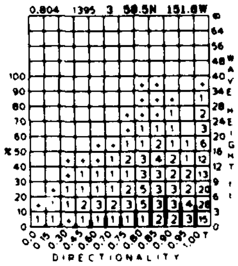
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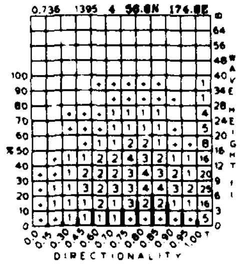
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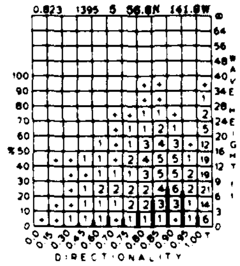
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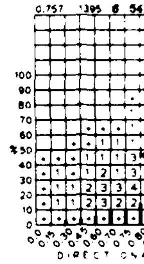
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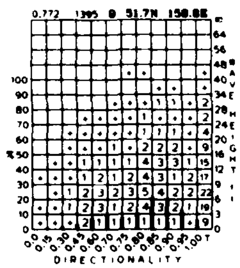
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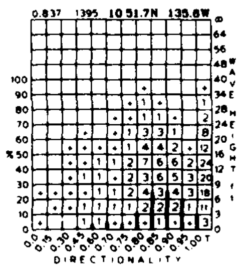
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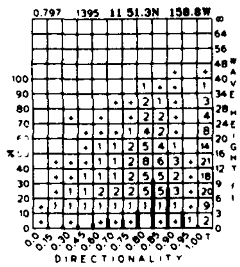
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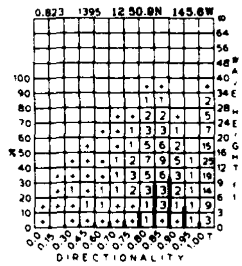
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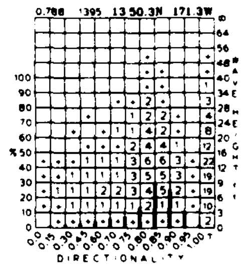
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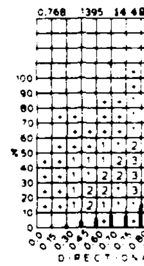
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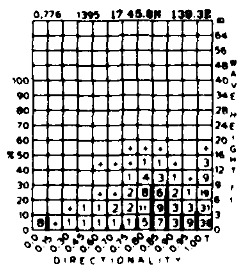
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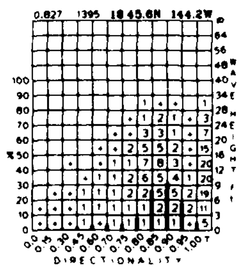
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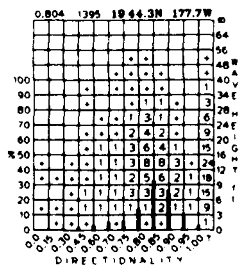
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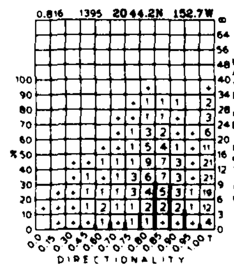
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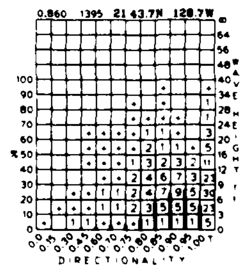
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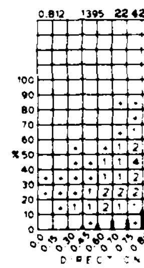
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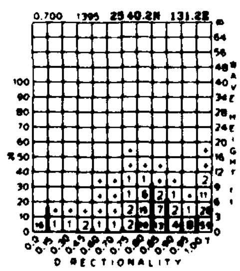
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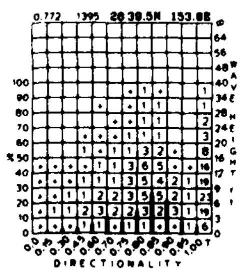
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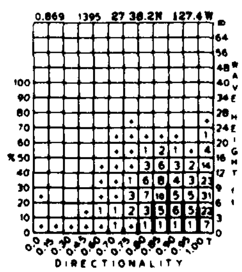
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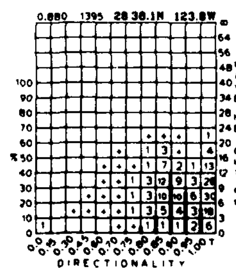
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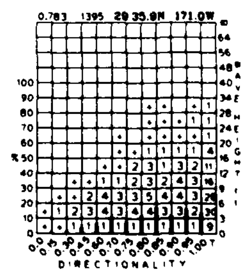
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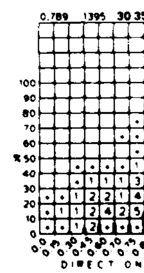
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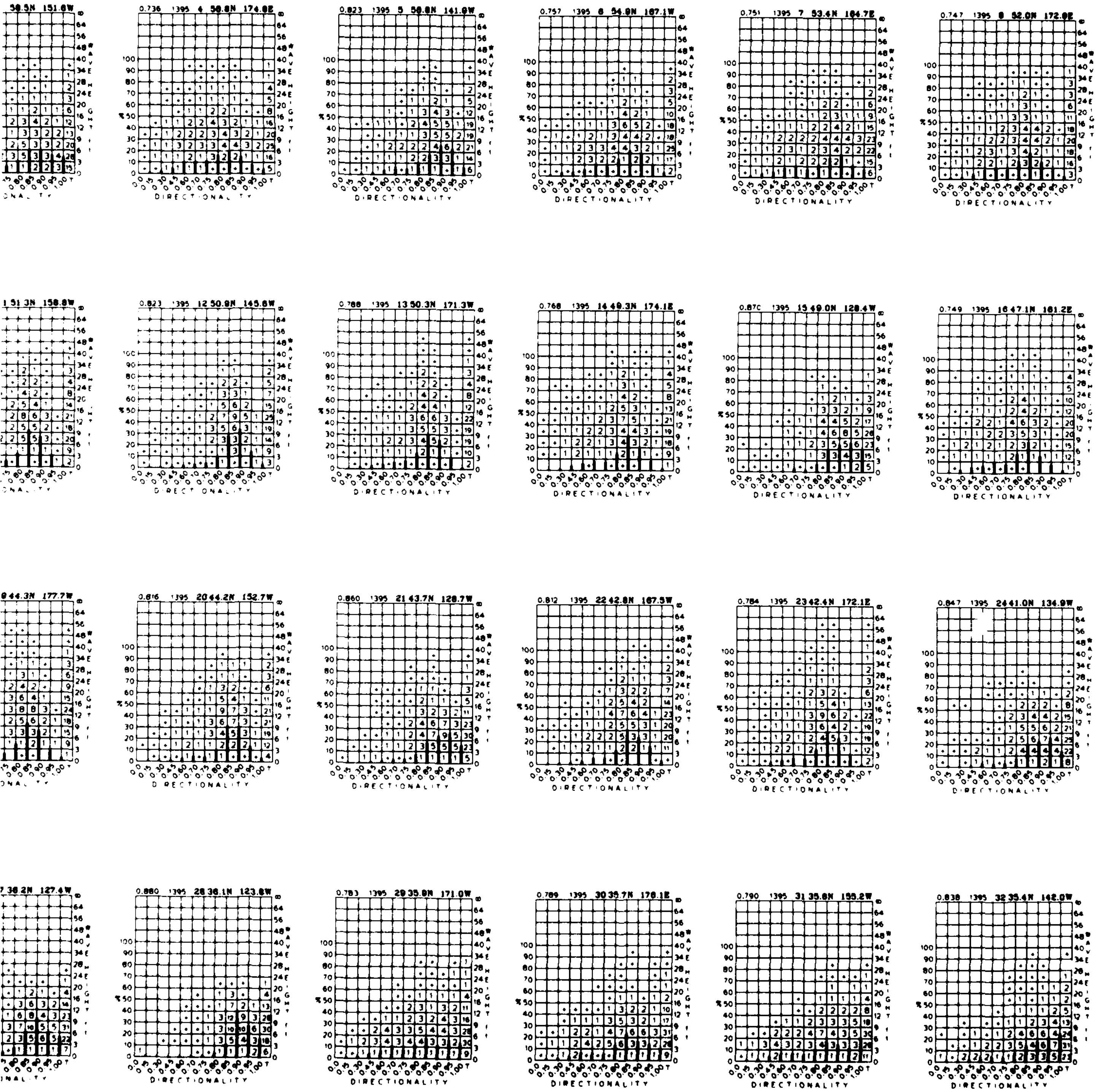
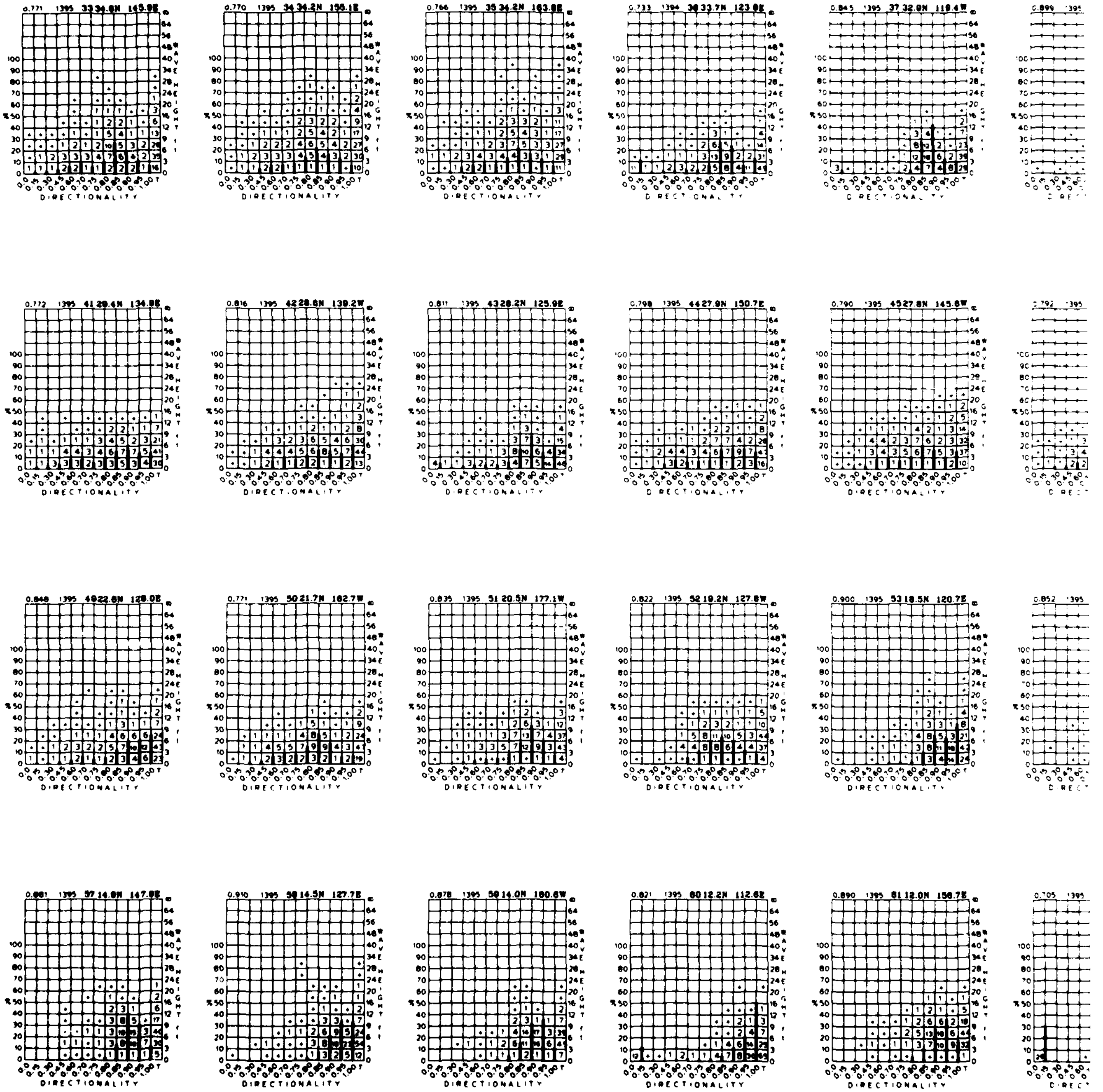
WAVE HEIGHT AND DIRECTIONALITY



WAVE HEIGHT AND DIRECTIONALITY (Cont'd)



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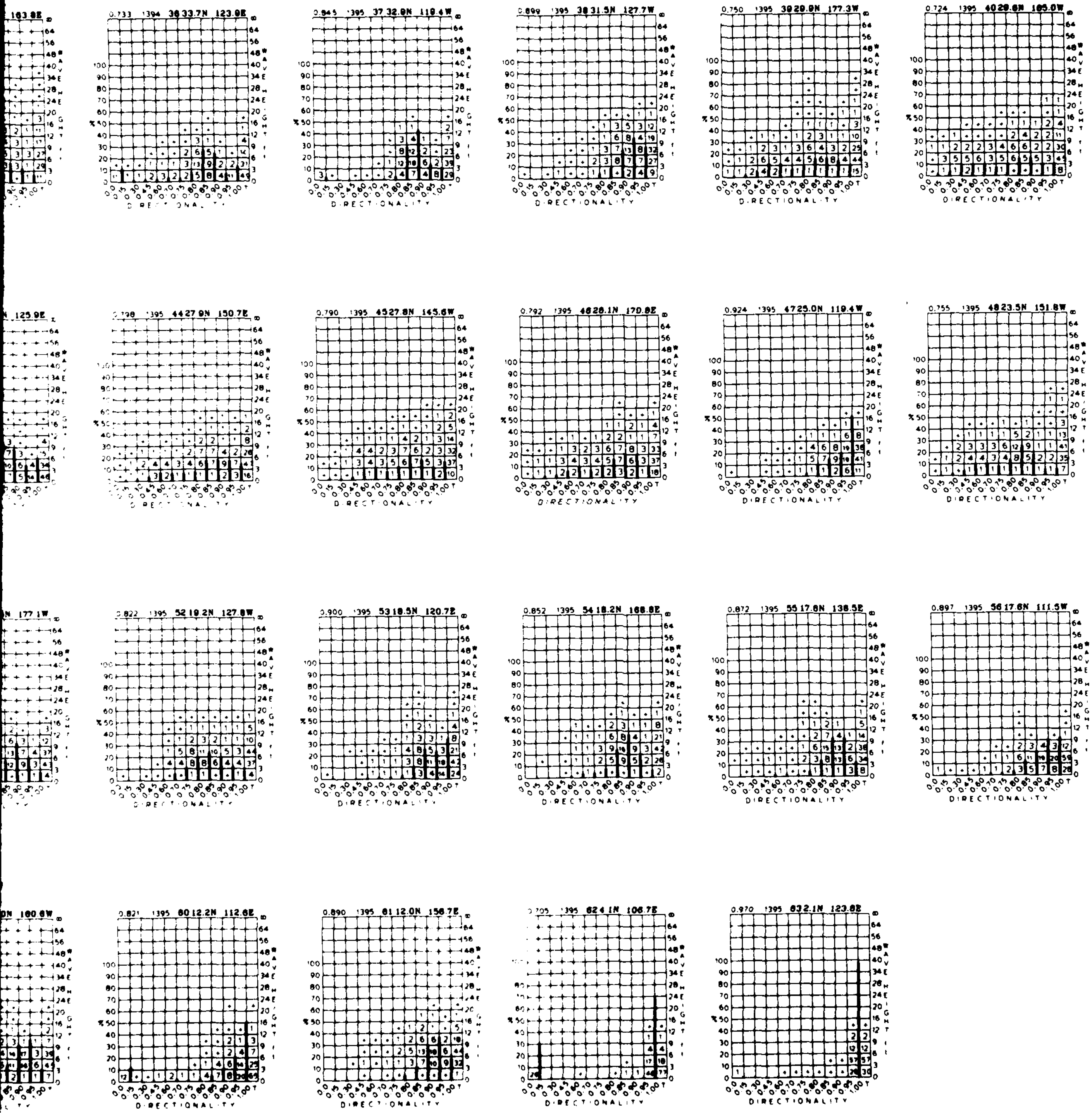

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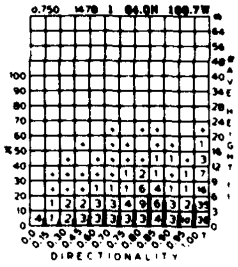
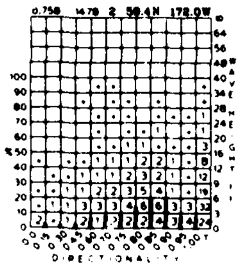
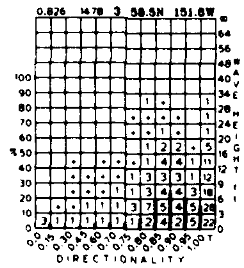
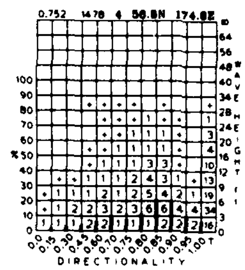
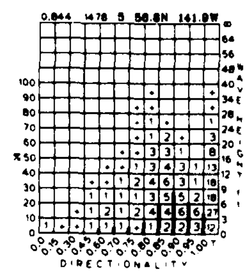
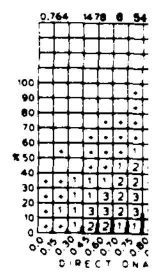
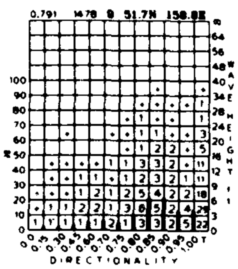
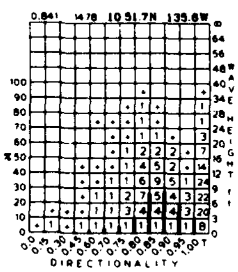
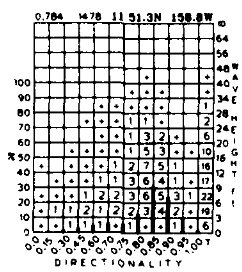
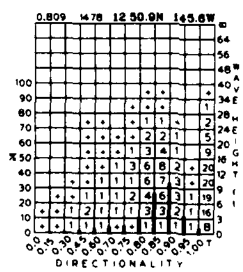
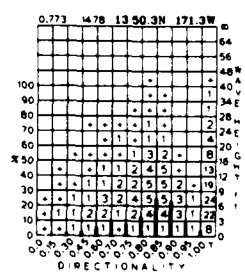
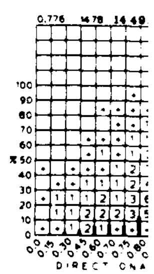
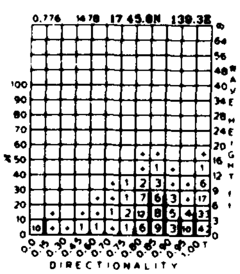
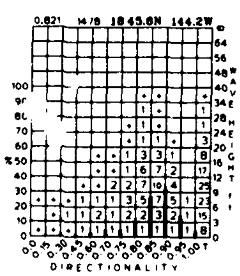
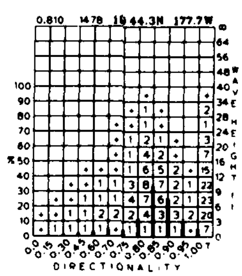
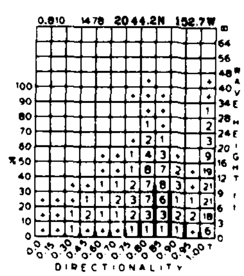
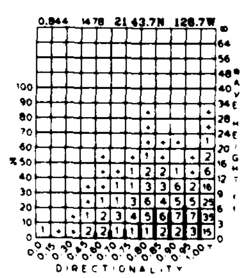
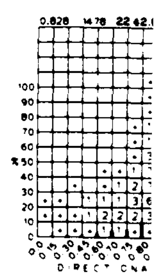
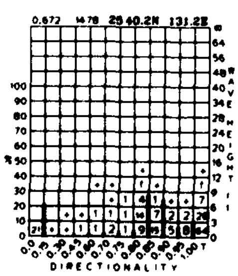
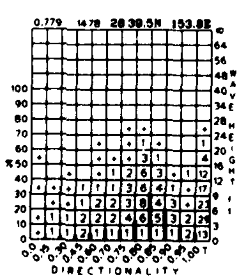
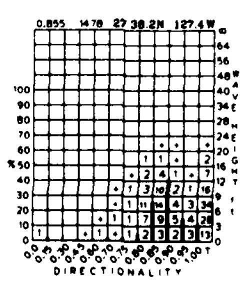
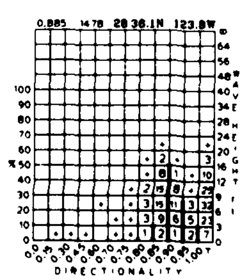
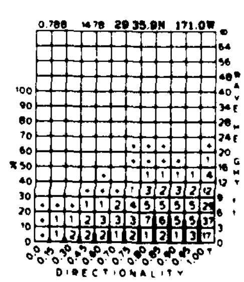
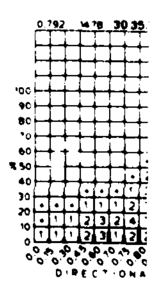
MAY

WAVE HEIGHT

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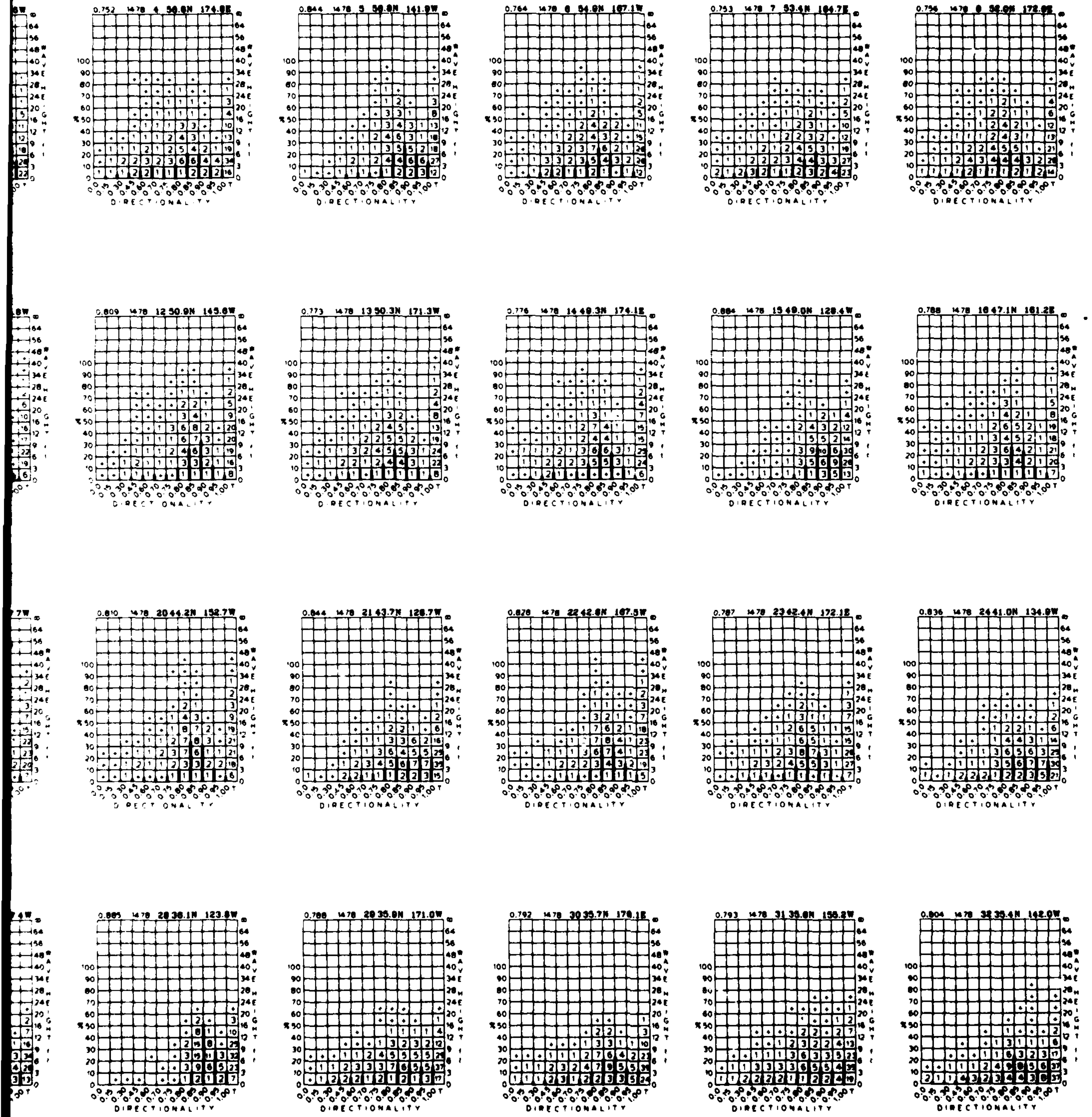

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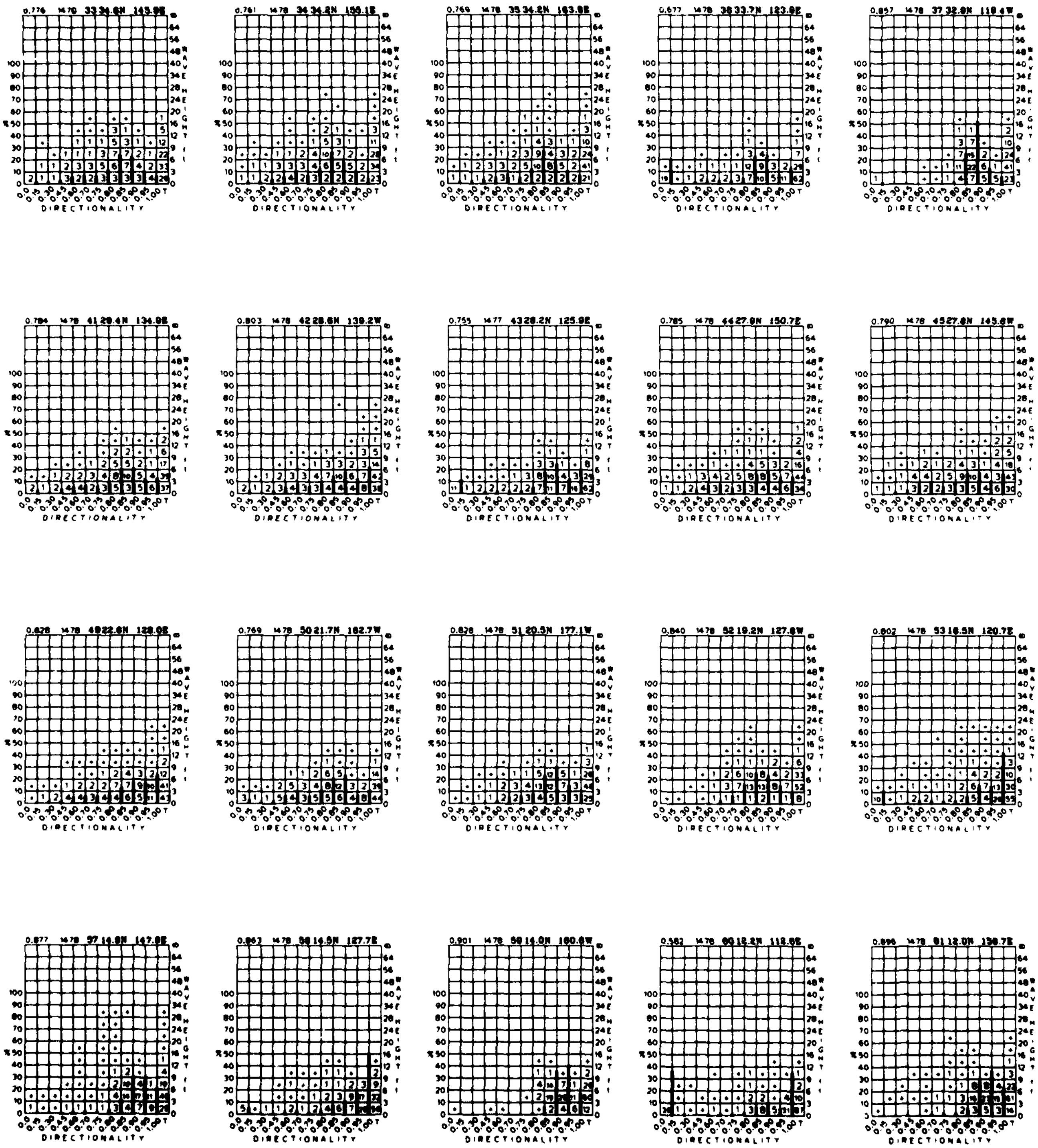

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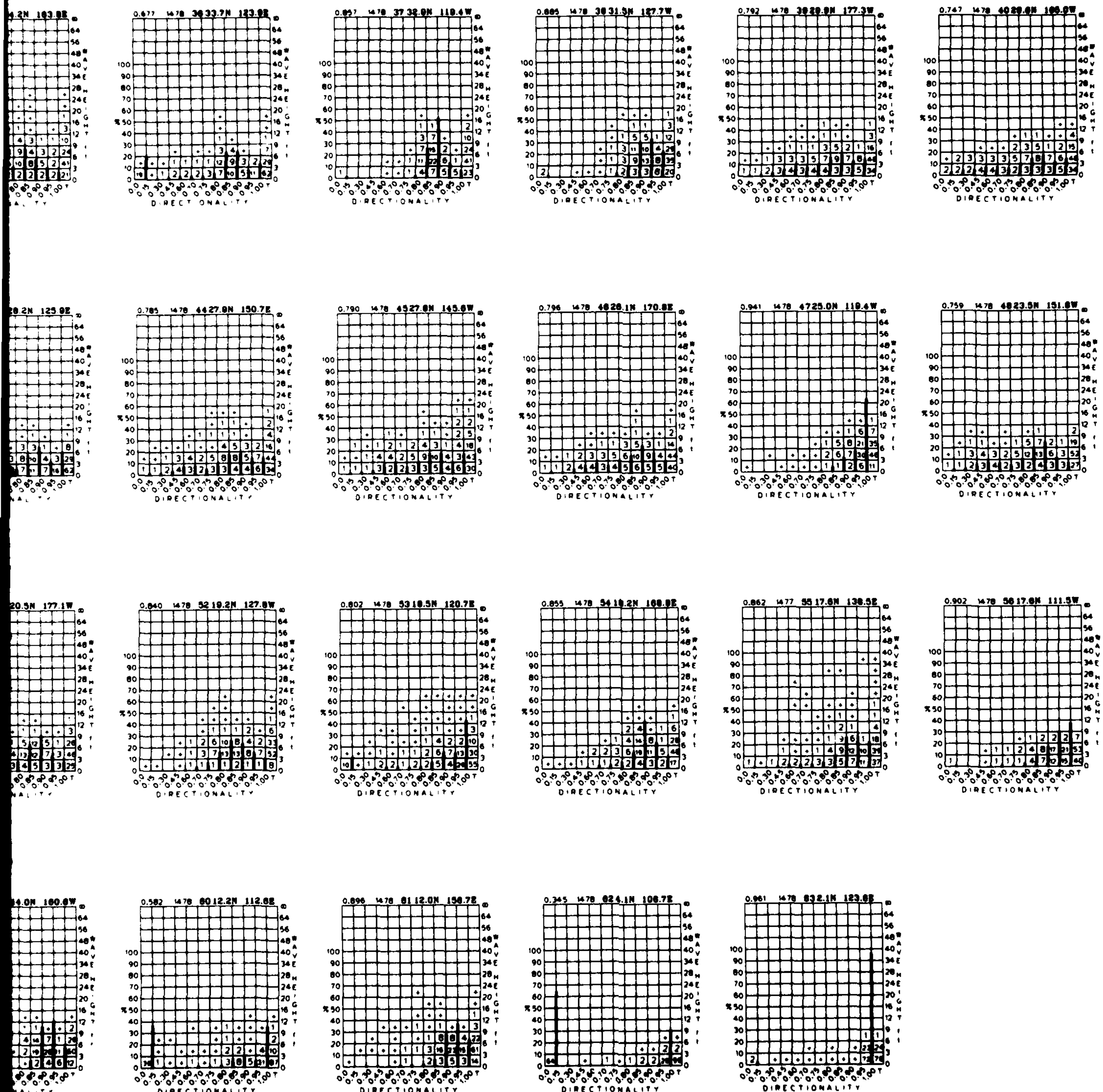

JUNE

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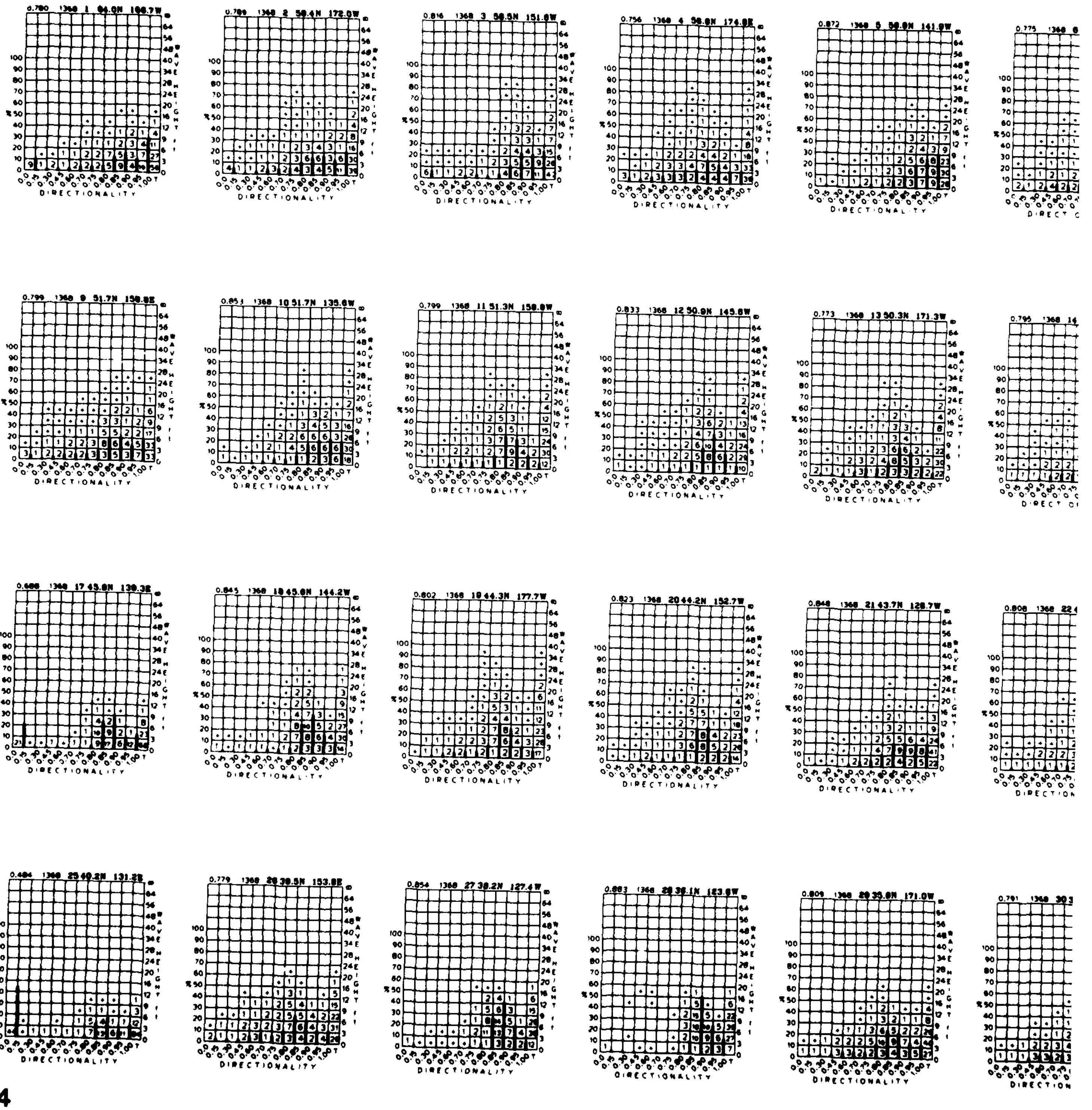

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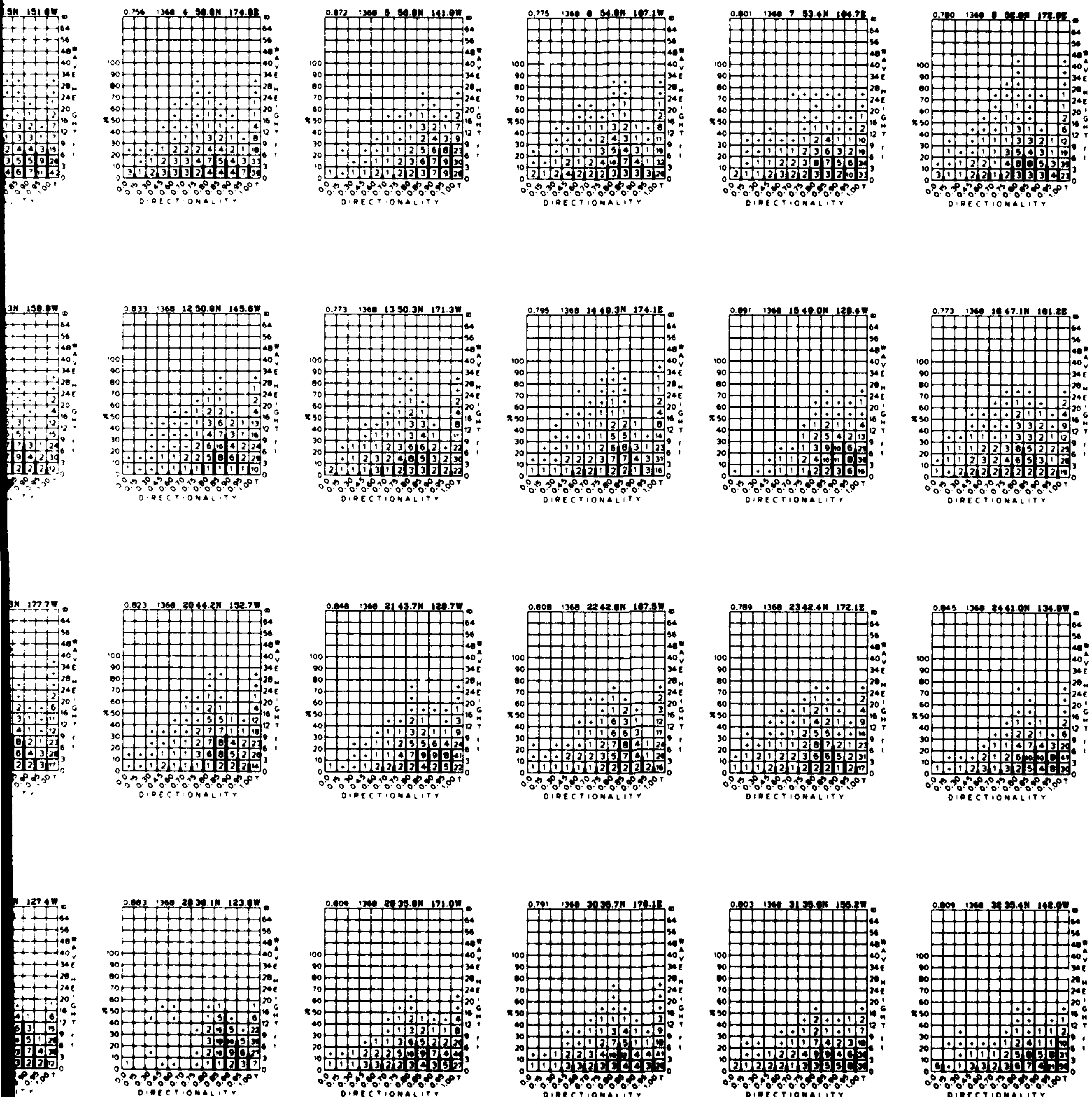

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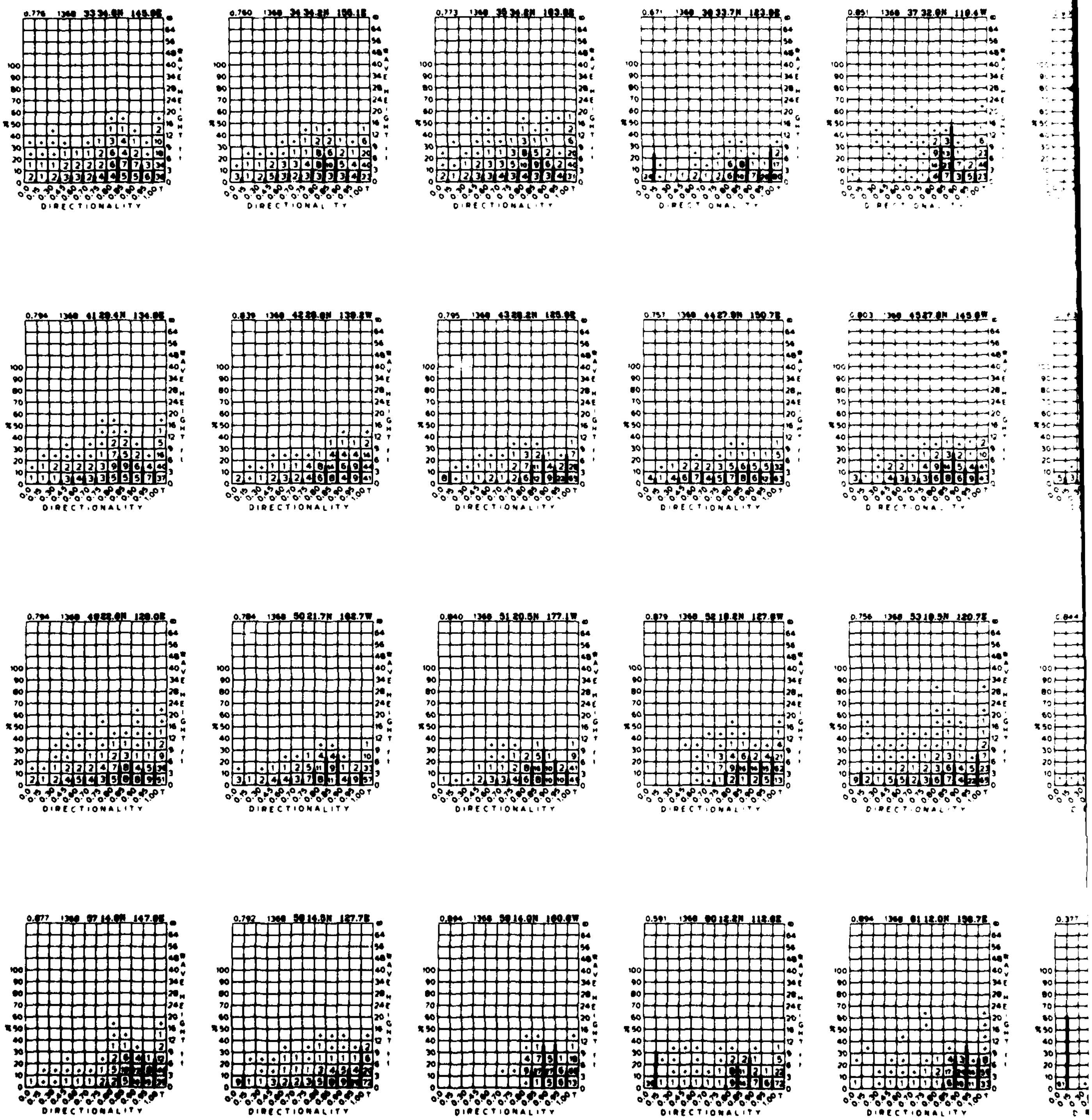

IONALITY (Cont'd)

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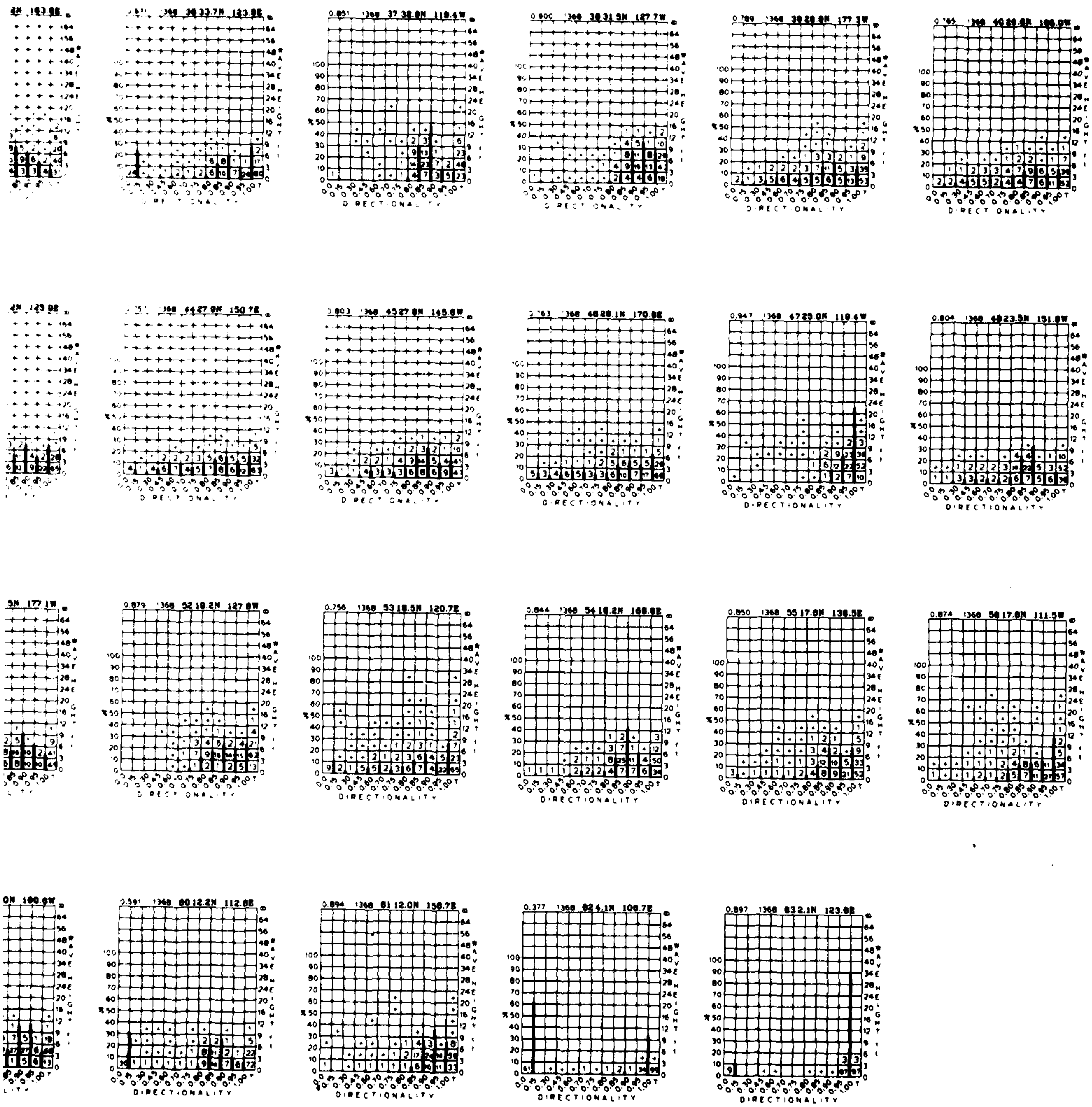

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JULY

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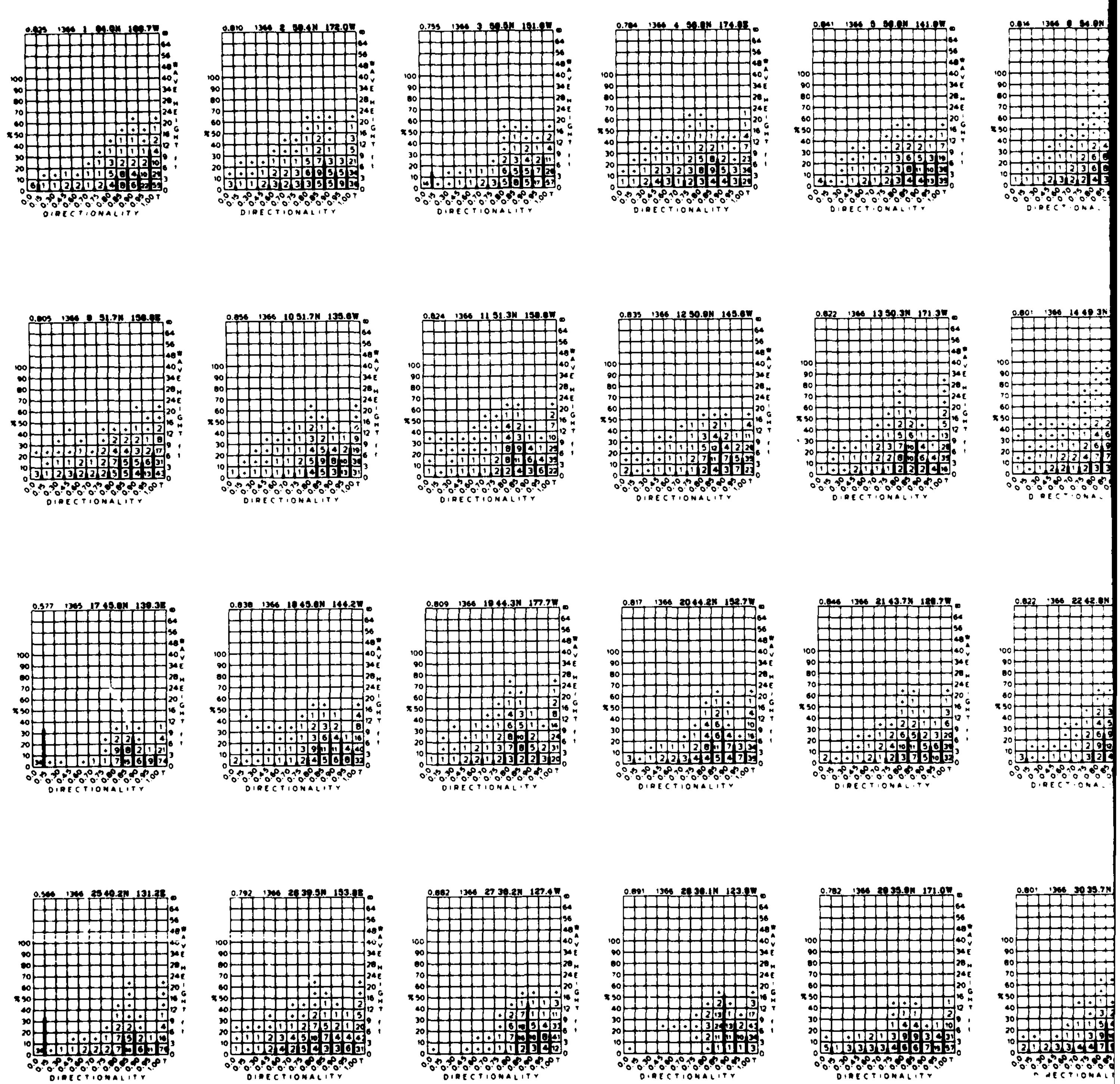

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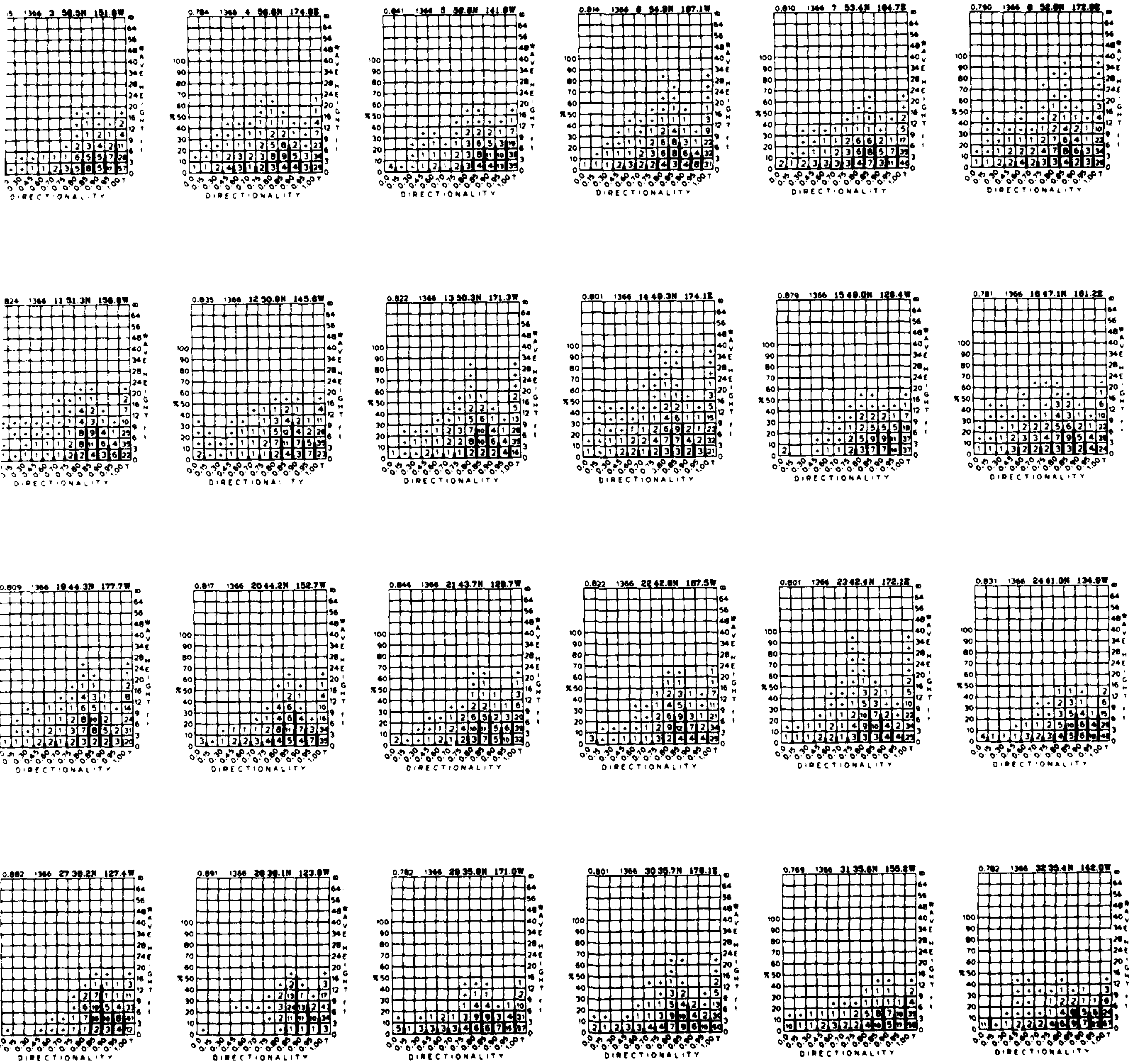

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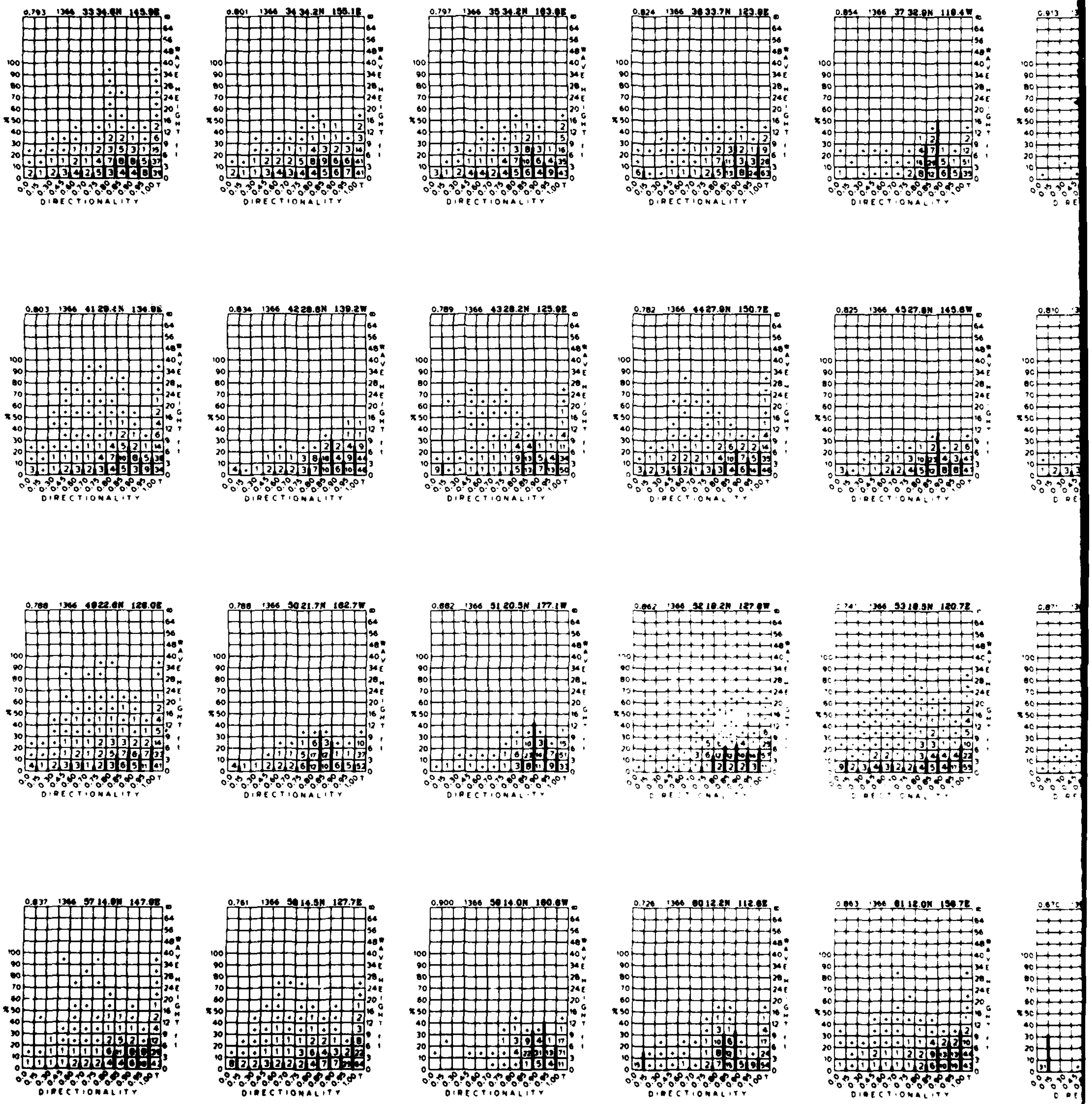

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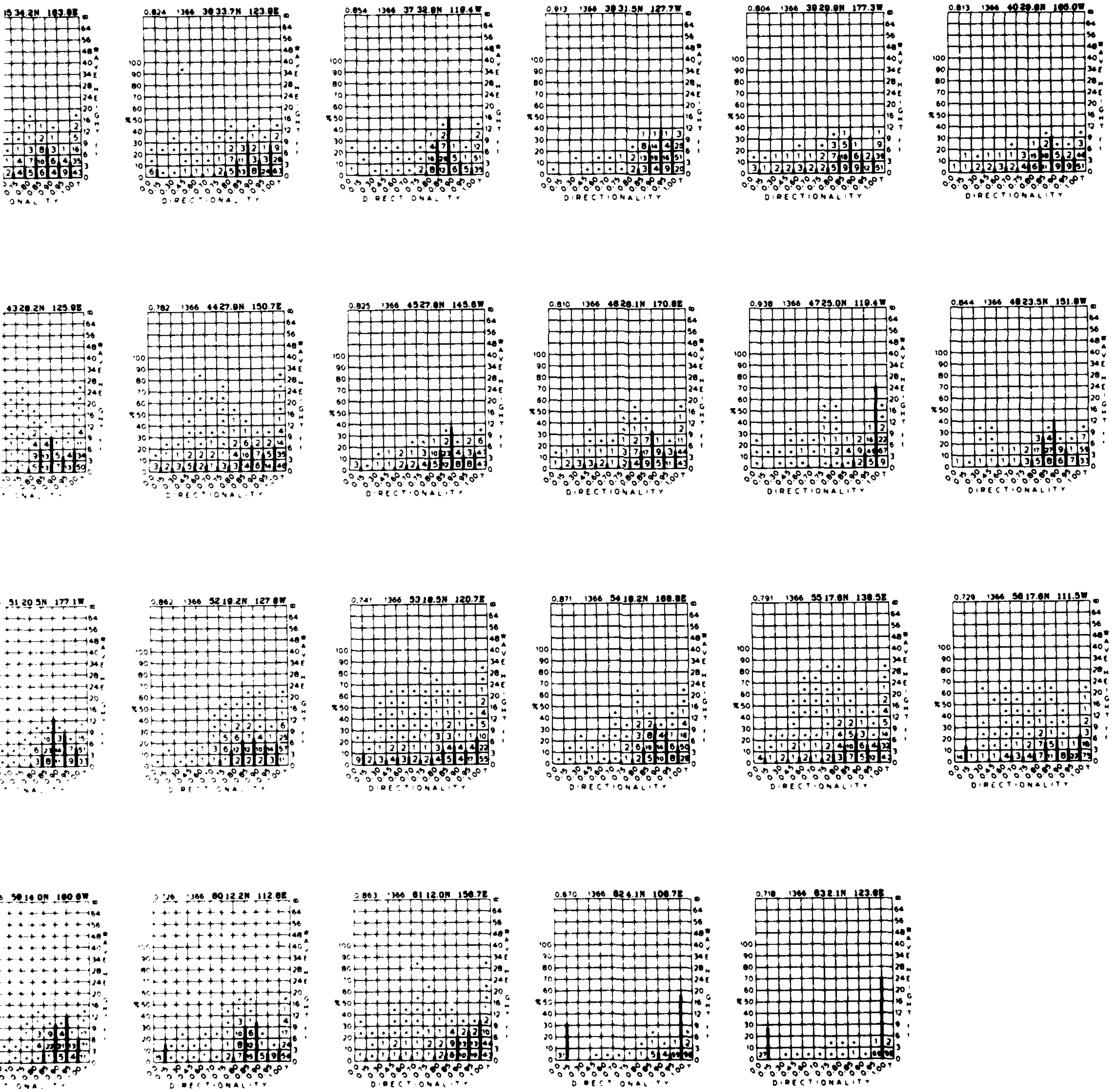
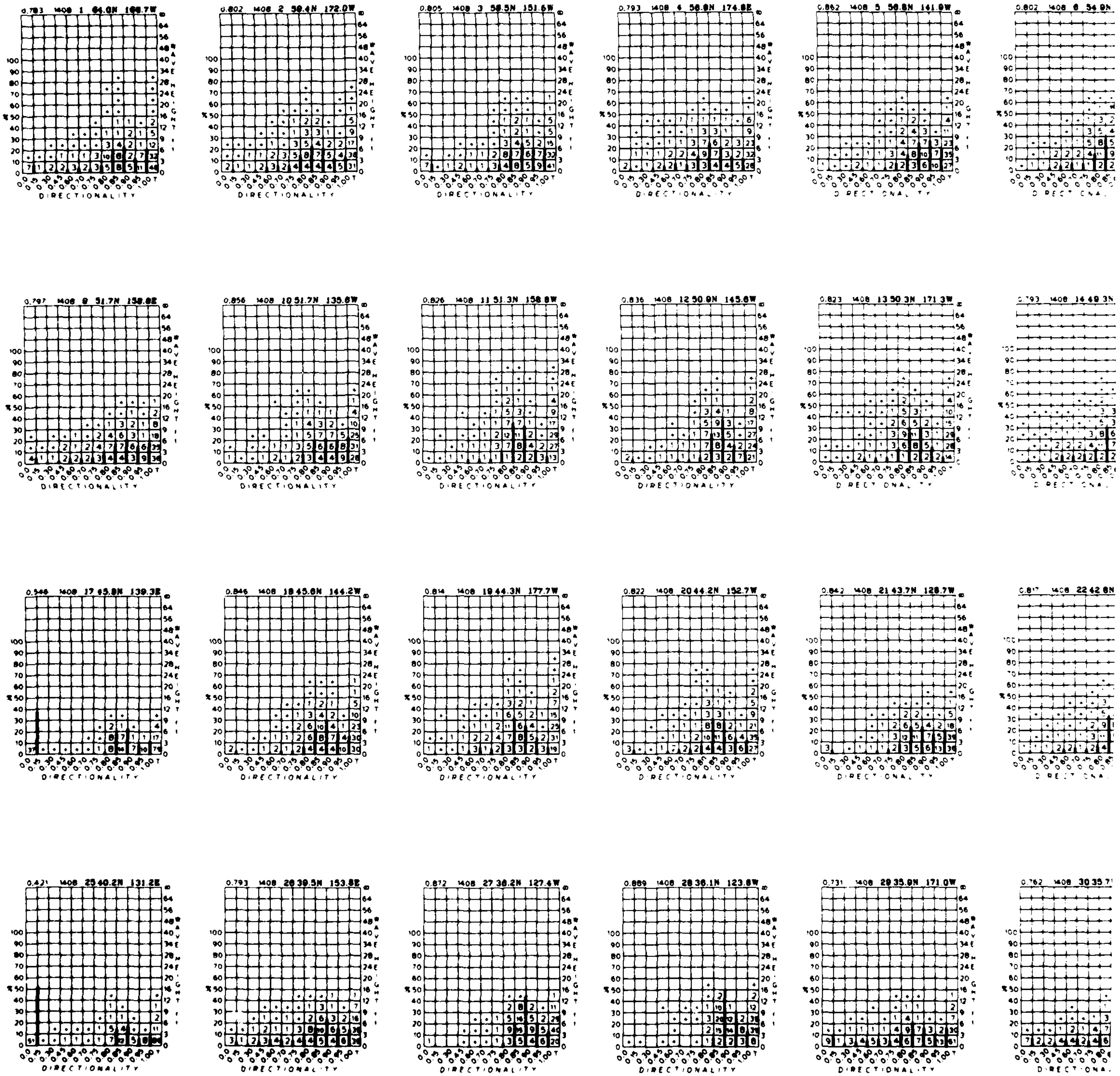


2

AUGUST

WAVE HEIGHT /



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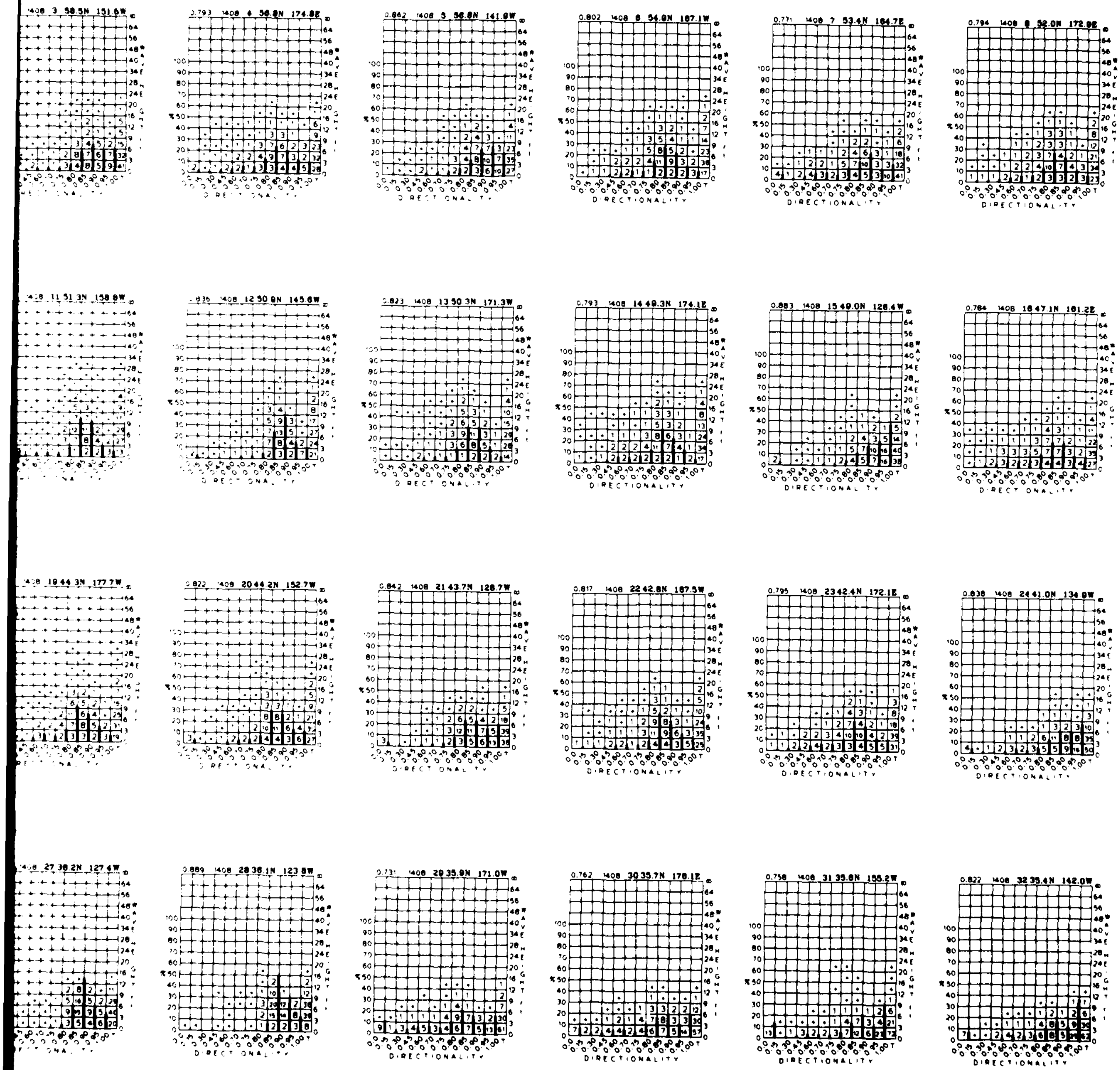

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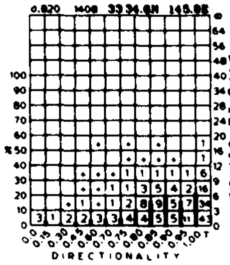

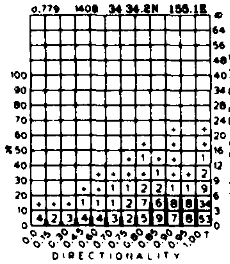

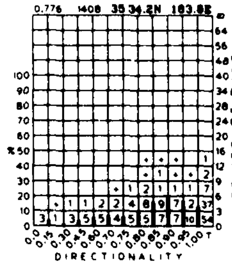

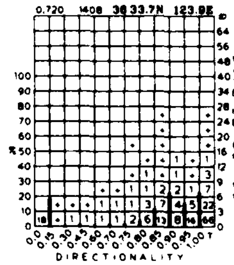

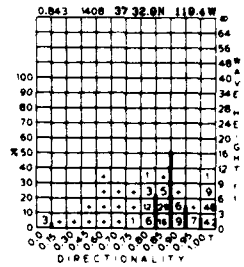

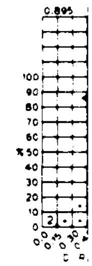

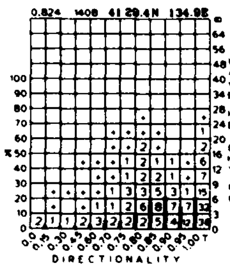

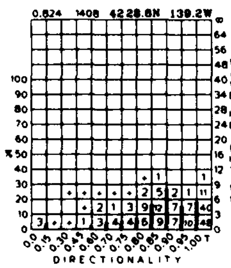

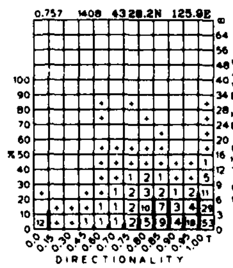

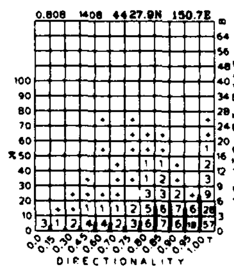

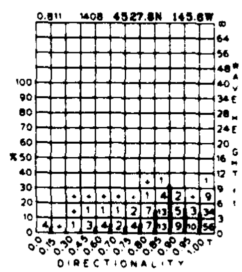

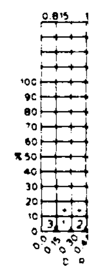

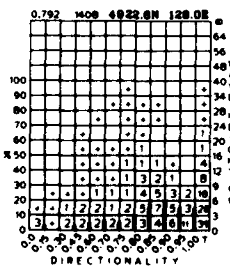

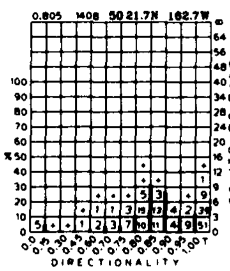

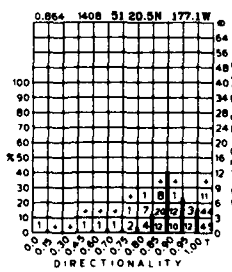

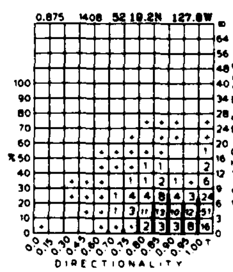

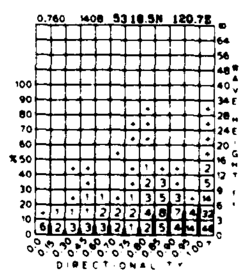

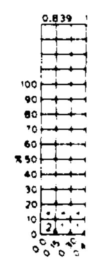

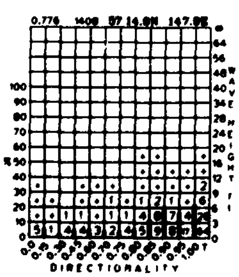

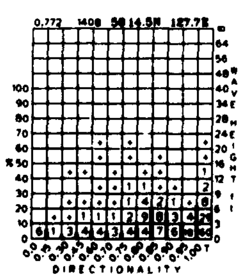

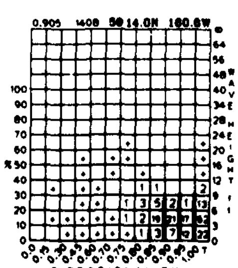

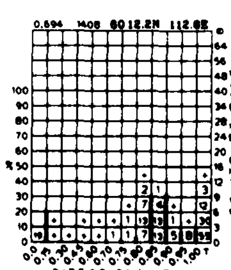

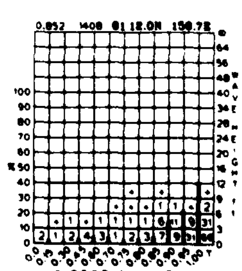

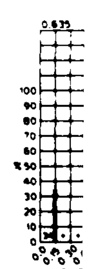

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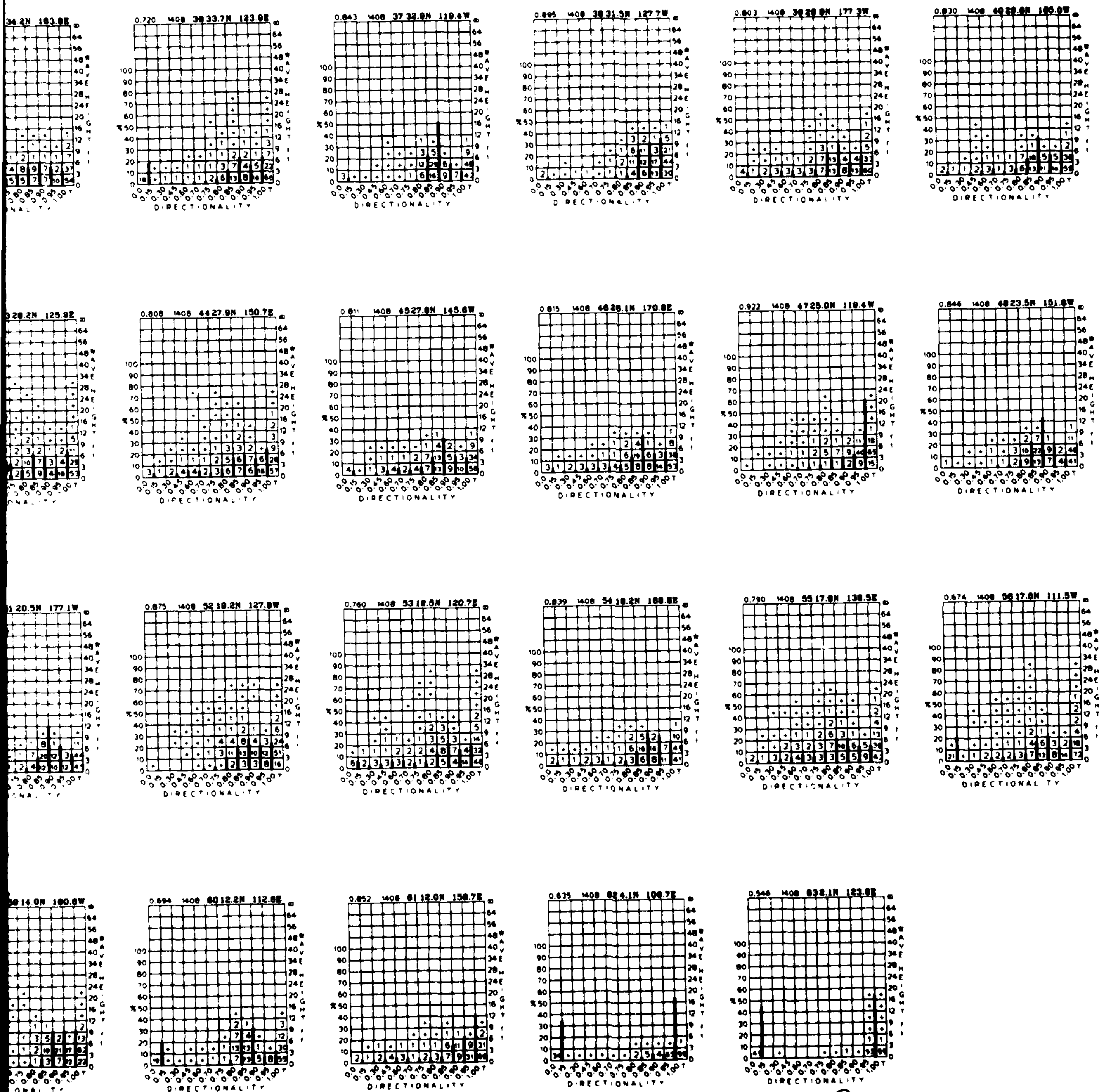
AUGUST



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SEPTEMBER

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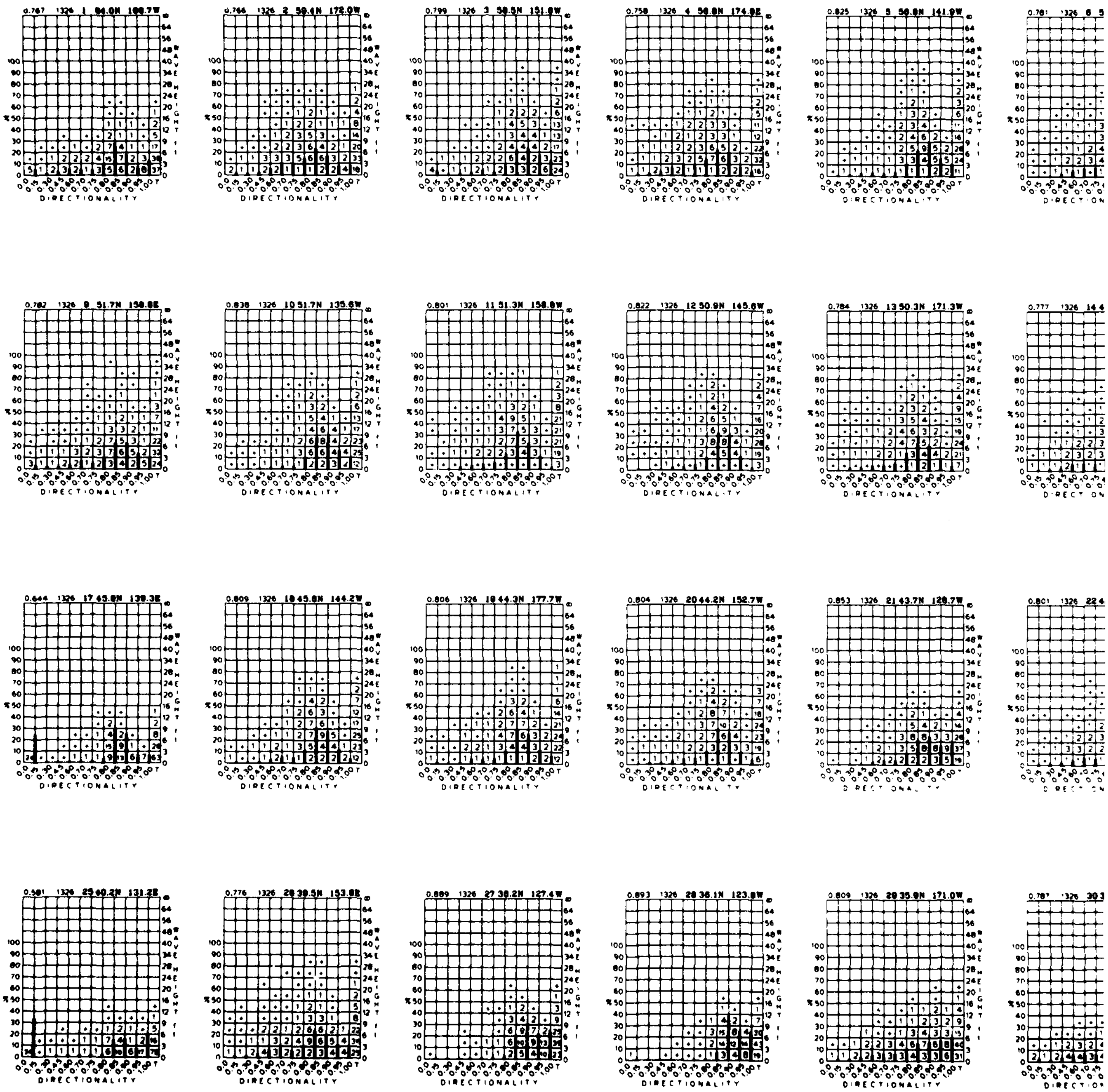
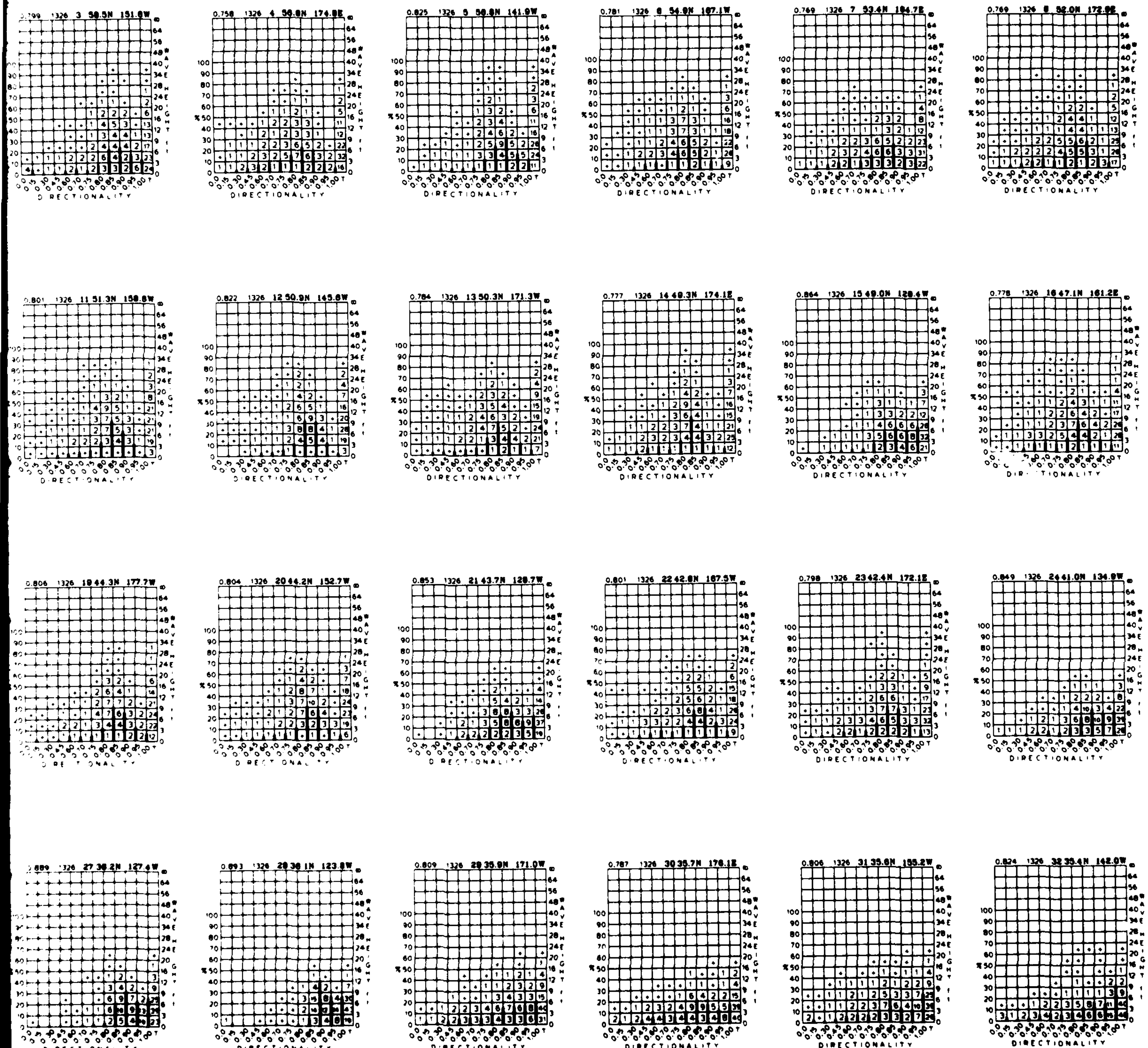


WAVE HEIGHT AND DIRECTIONALITY



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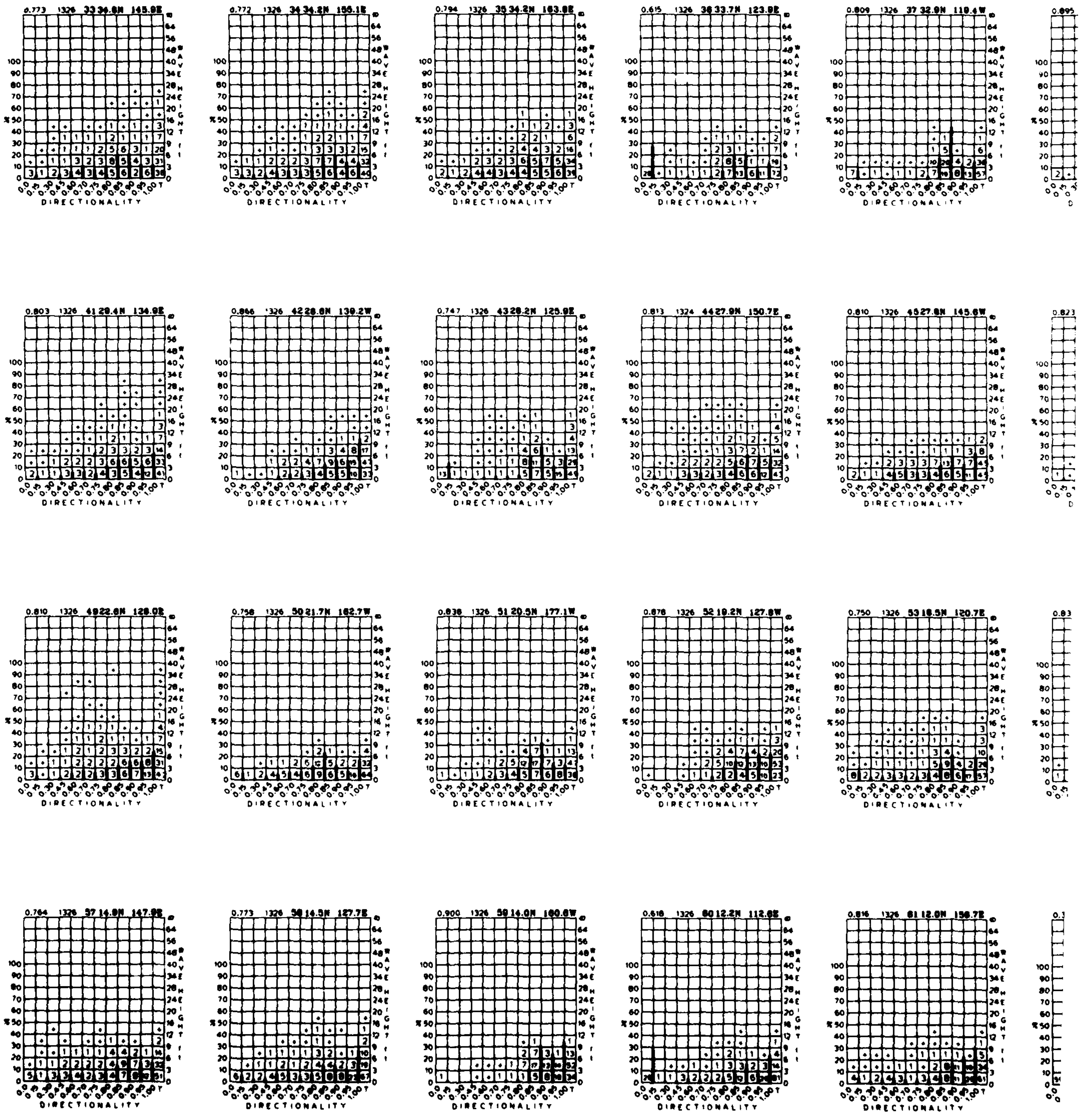

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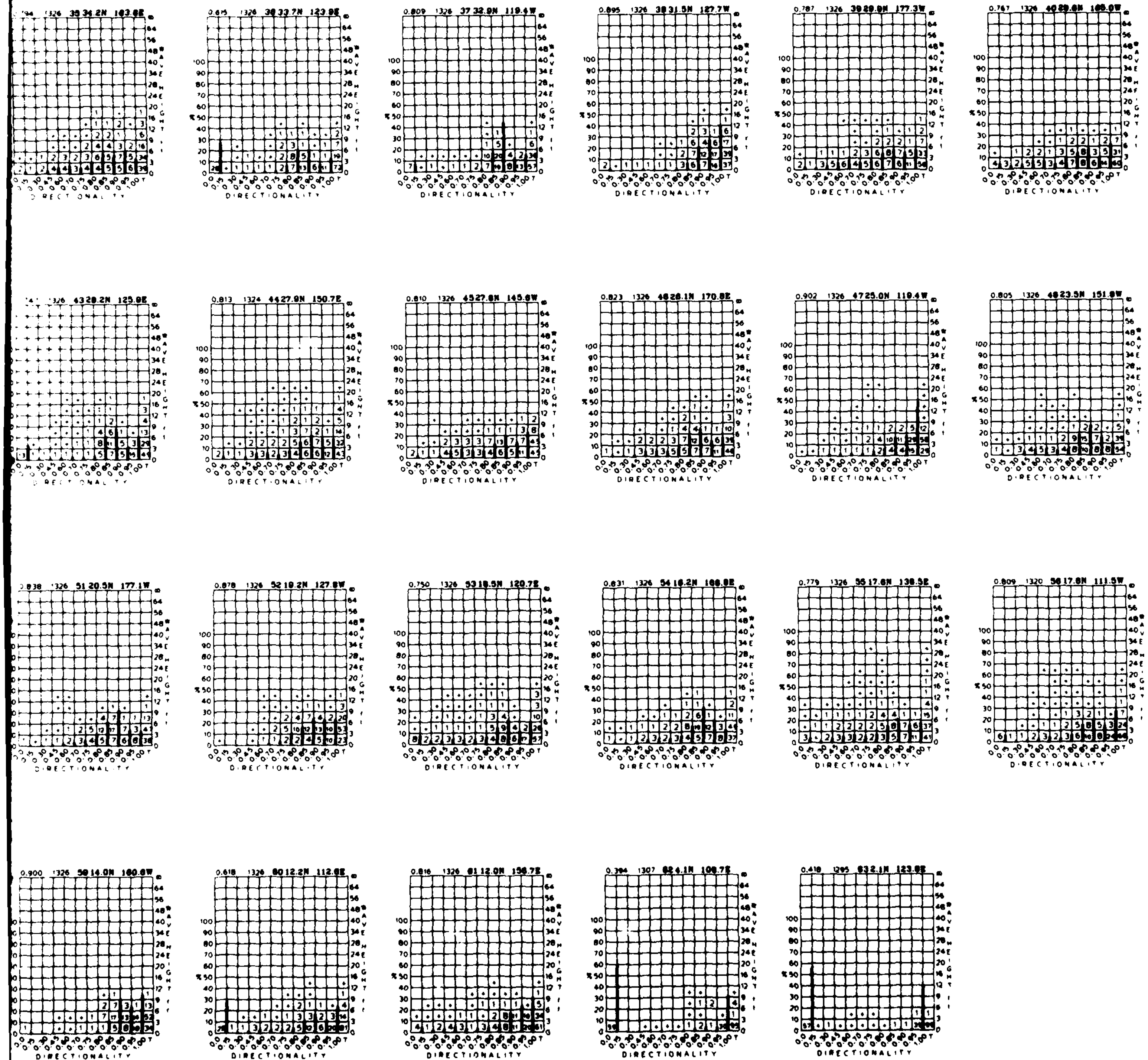
SEPTEMBER



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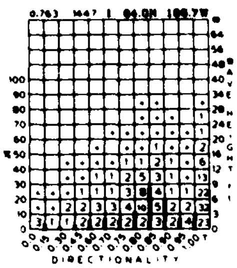
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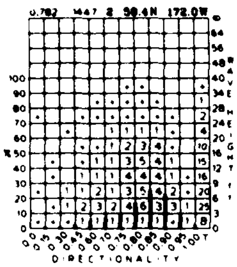
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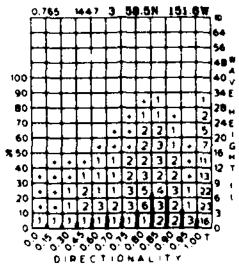
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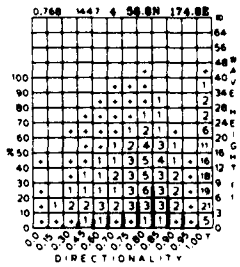
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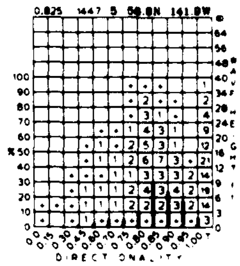
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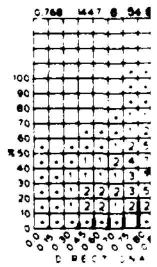

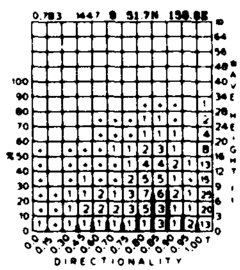
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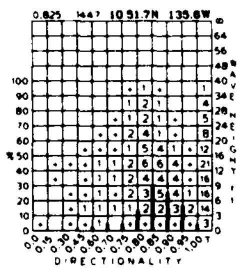
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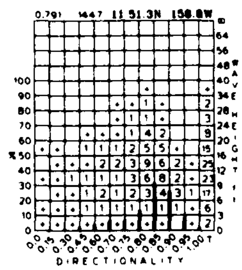
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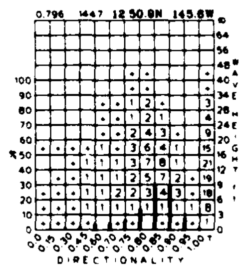
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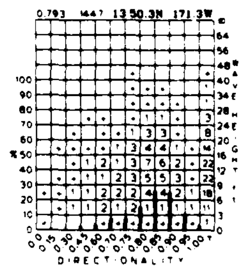
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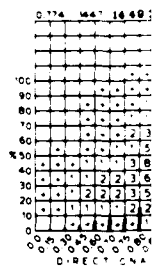

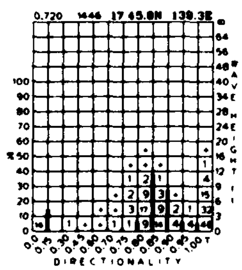
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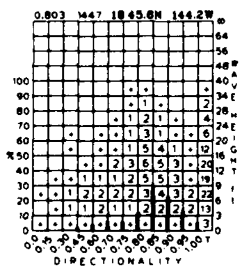
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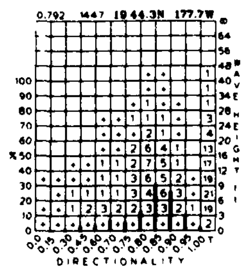
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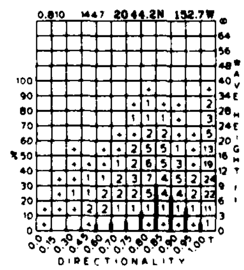
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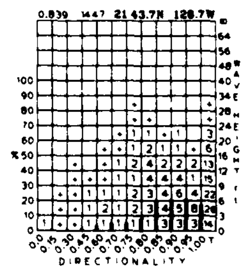
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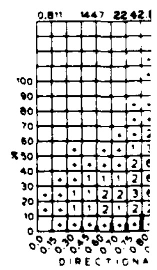

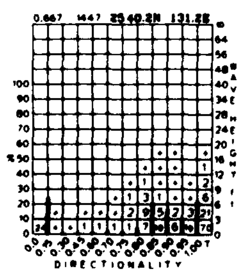
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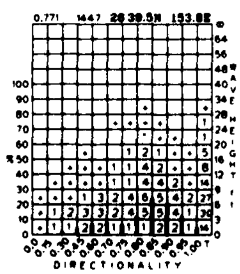
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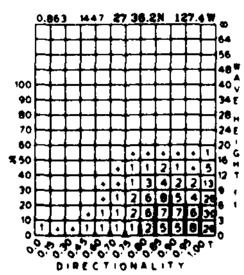
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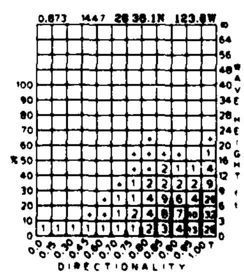
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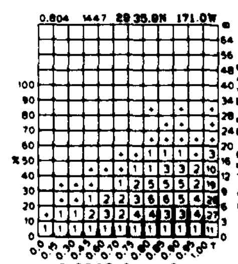
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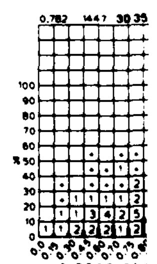
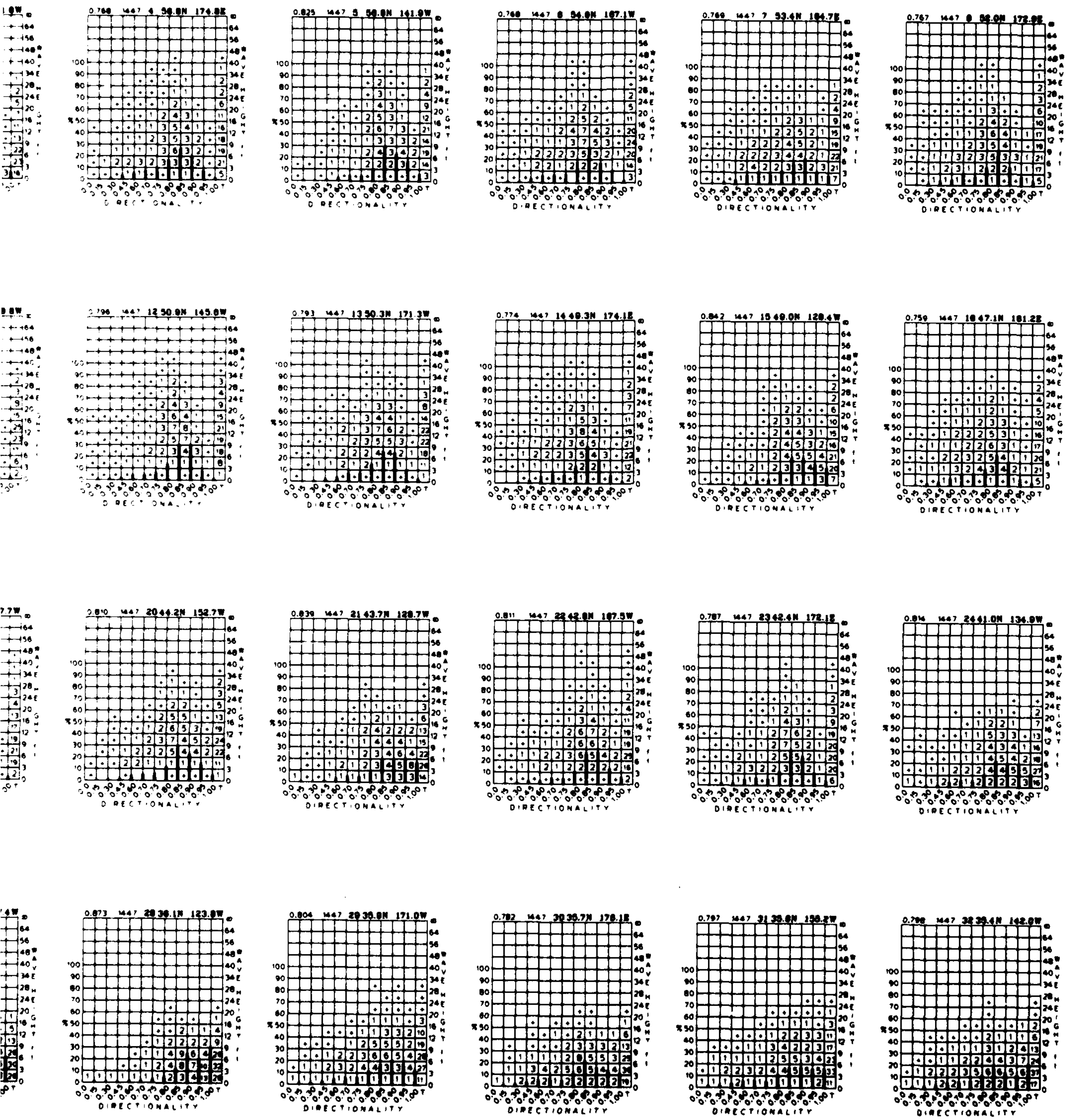


3

WAVE HEIGHT AND DIRECTIONALITY



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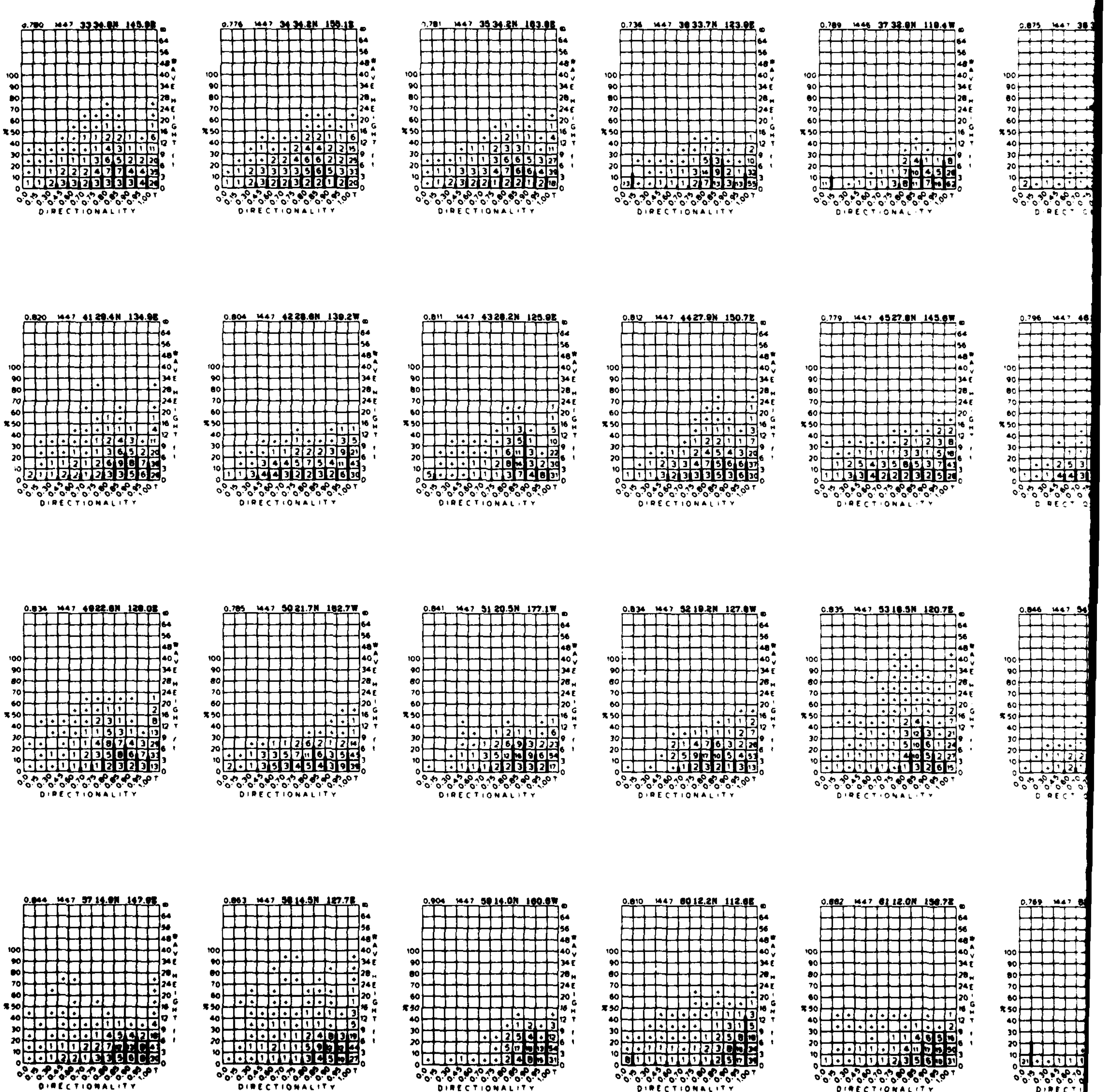

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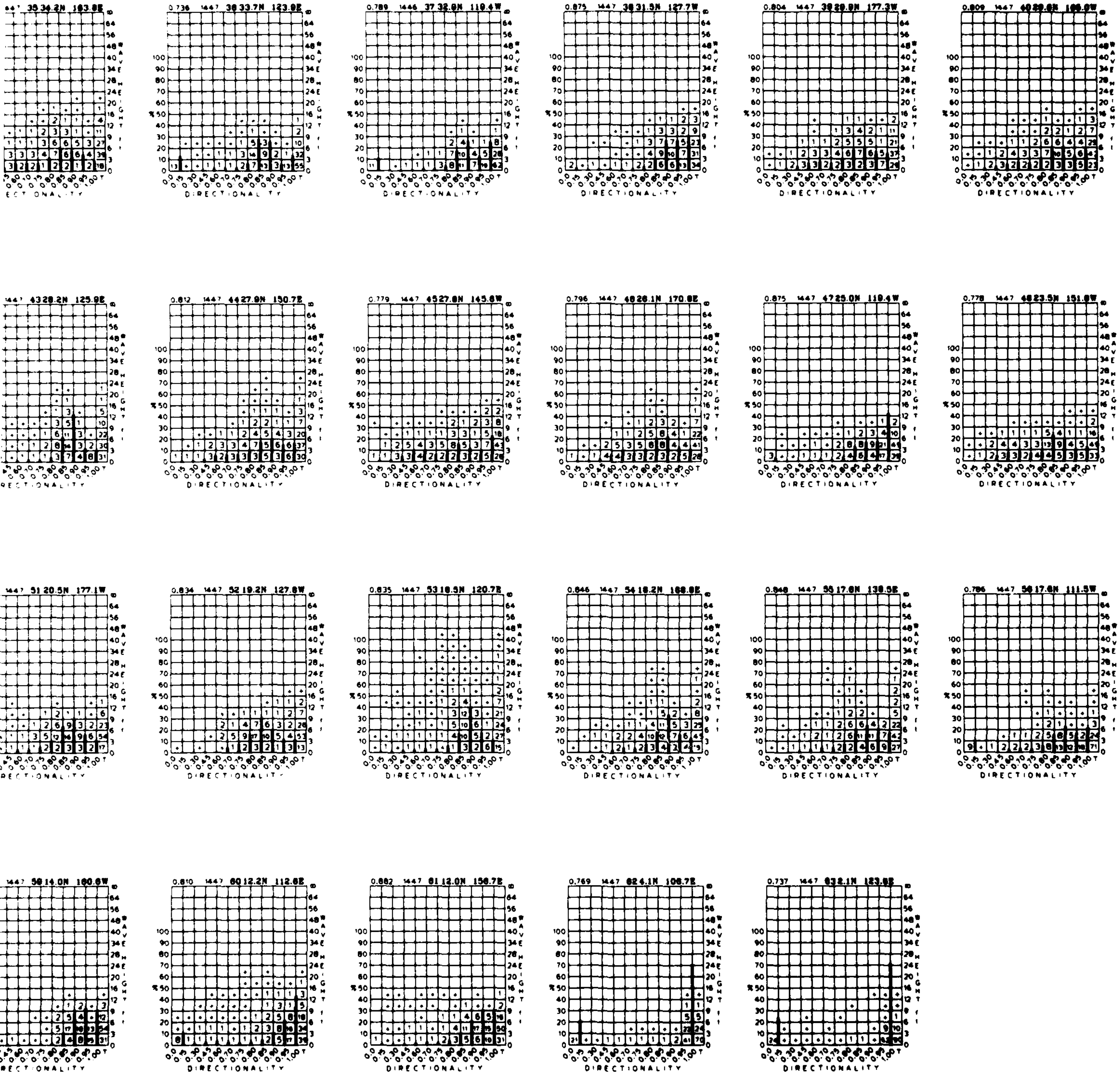
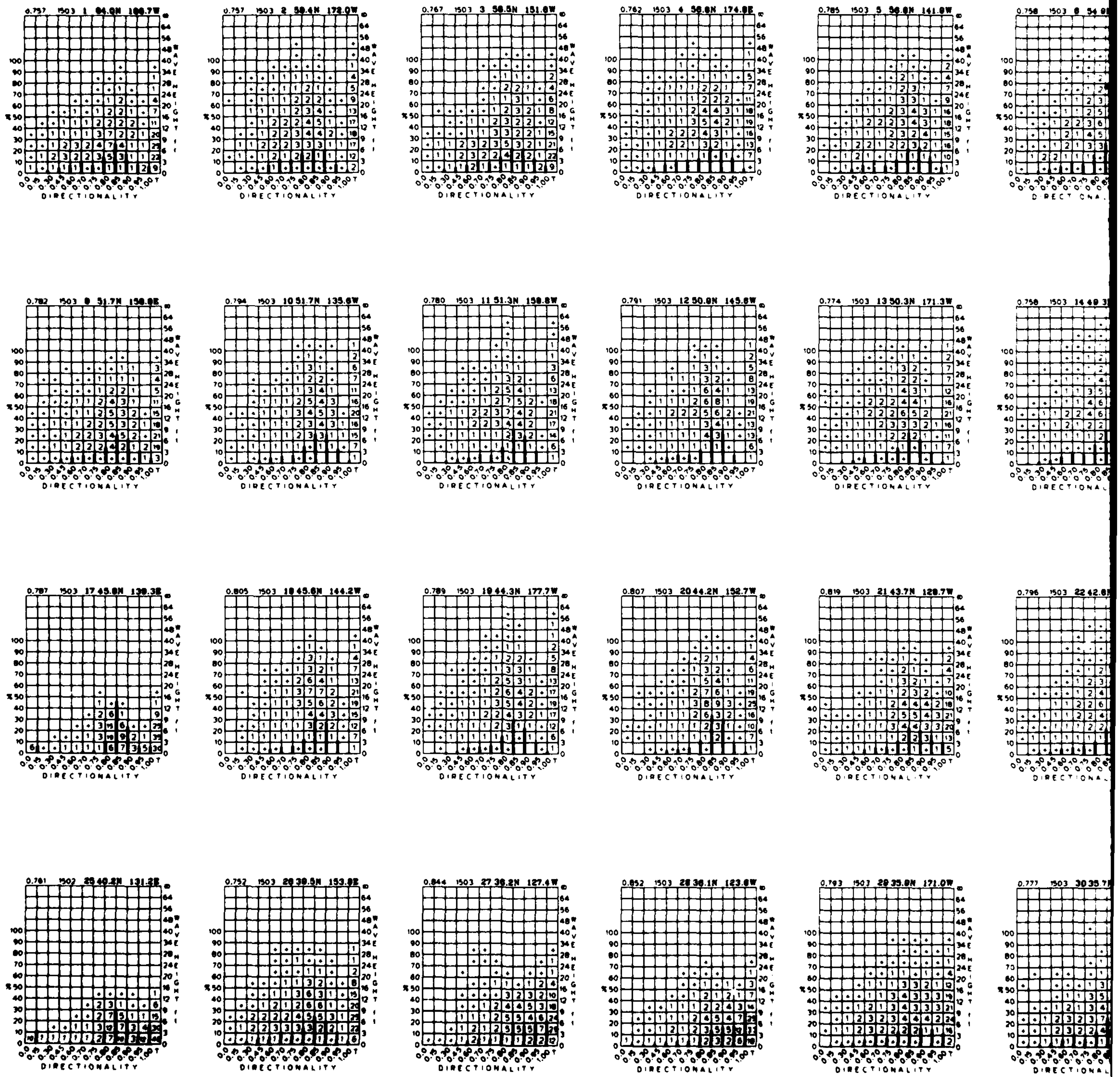


2

NOVEMBER

WAVE HEIGHT



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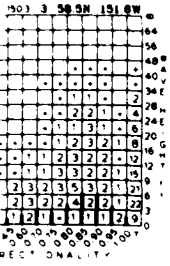
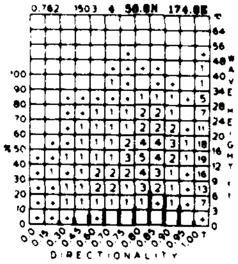
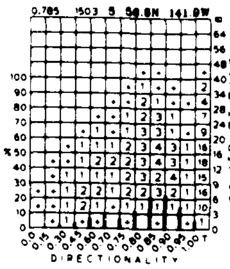
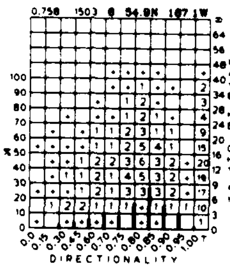
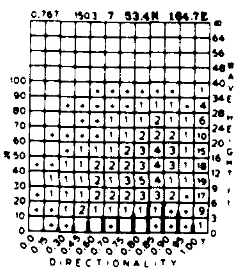
WAVE HEIGHT AND DIRECTIONALITY

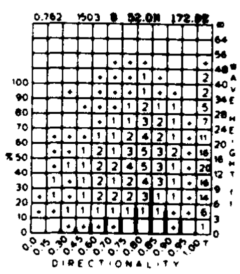


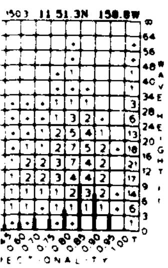


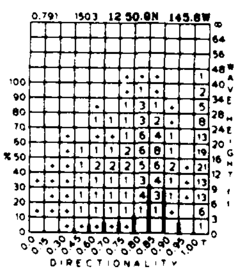


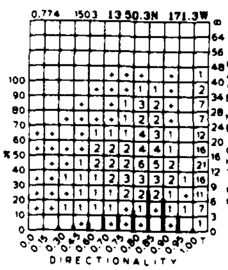


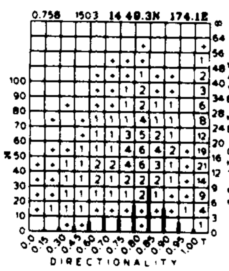


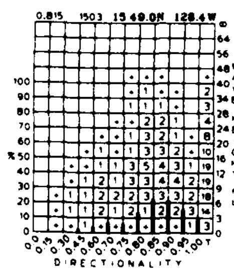


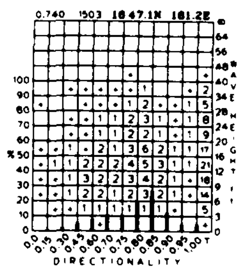


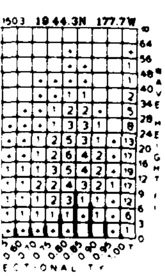


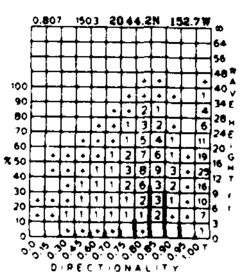


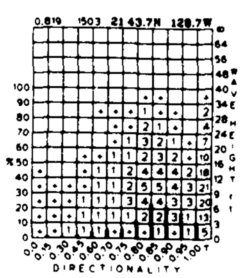


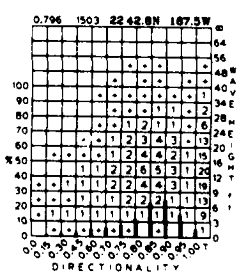


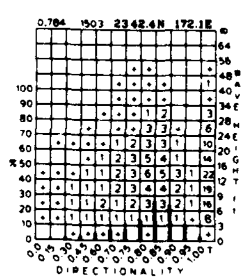


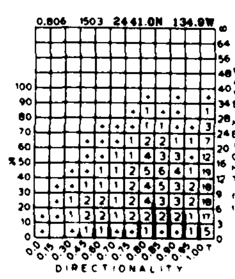


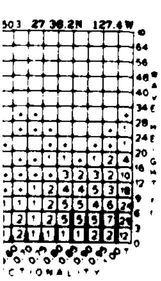


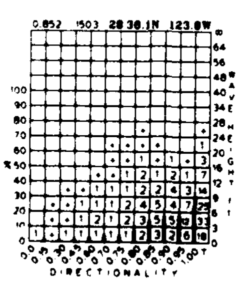


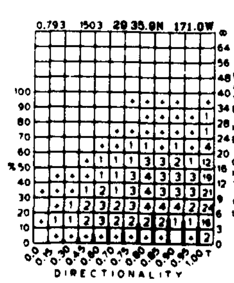


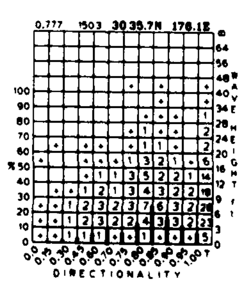


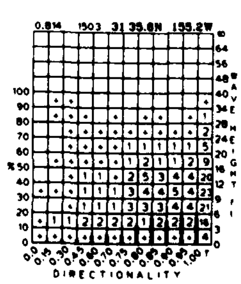


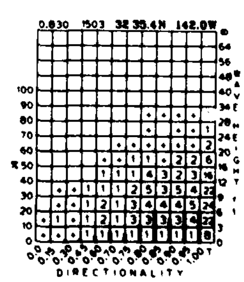












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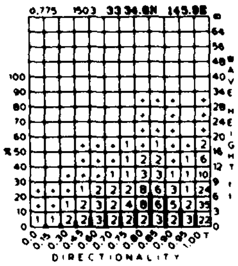

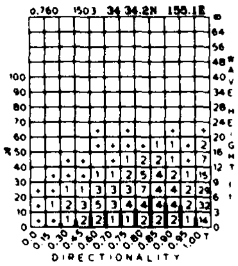

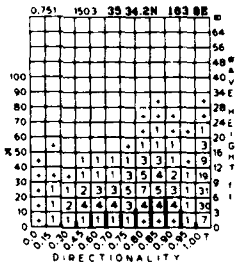

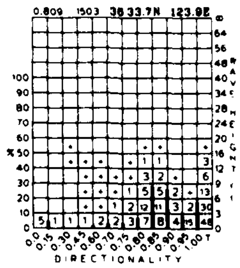

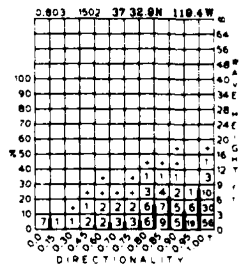

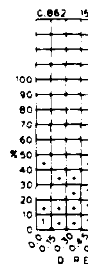

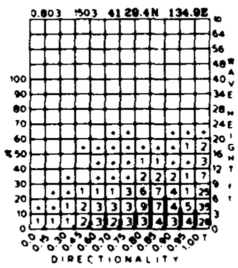

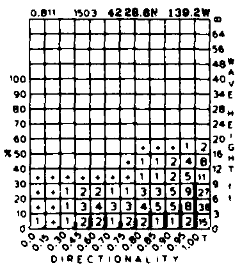

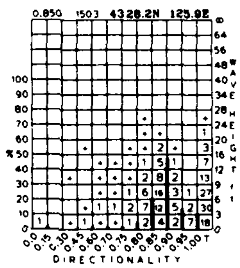

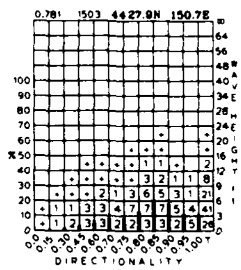

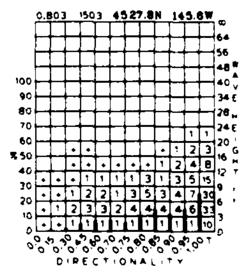

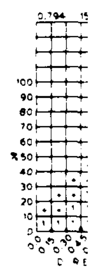

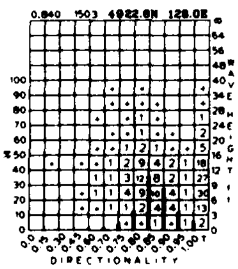

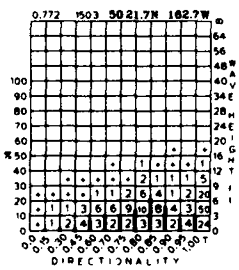

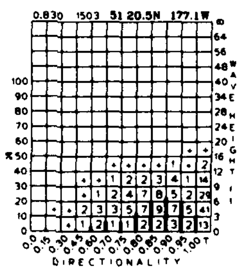

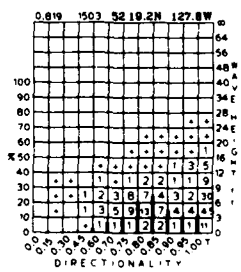

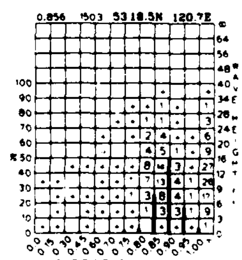

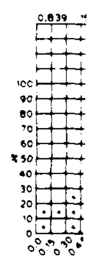

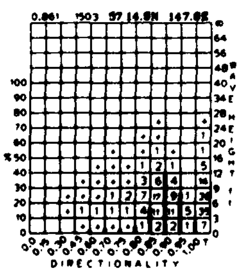

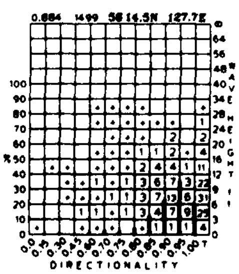

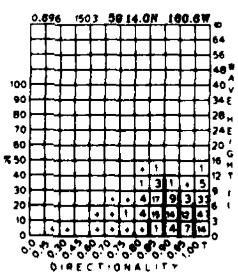

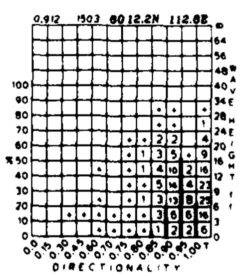

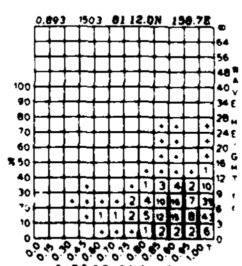

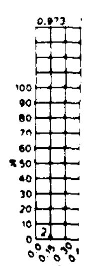

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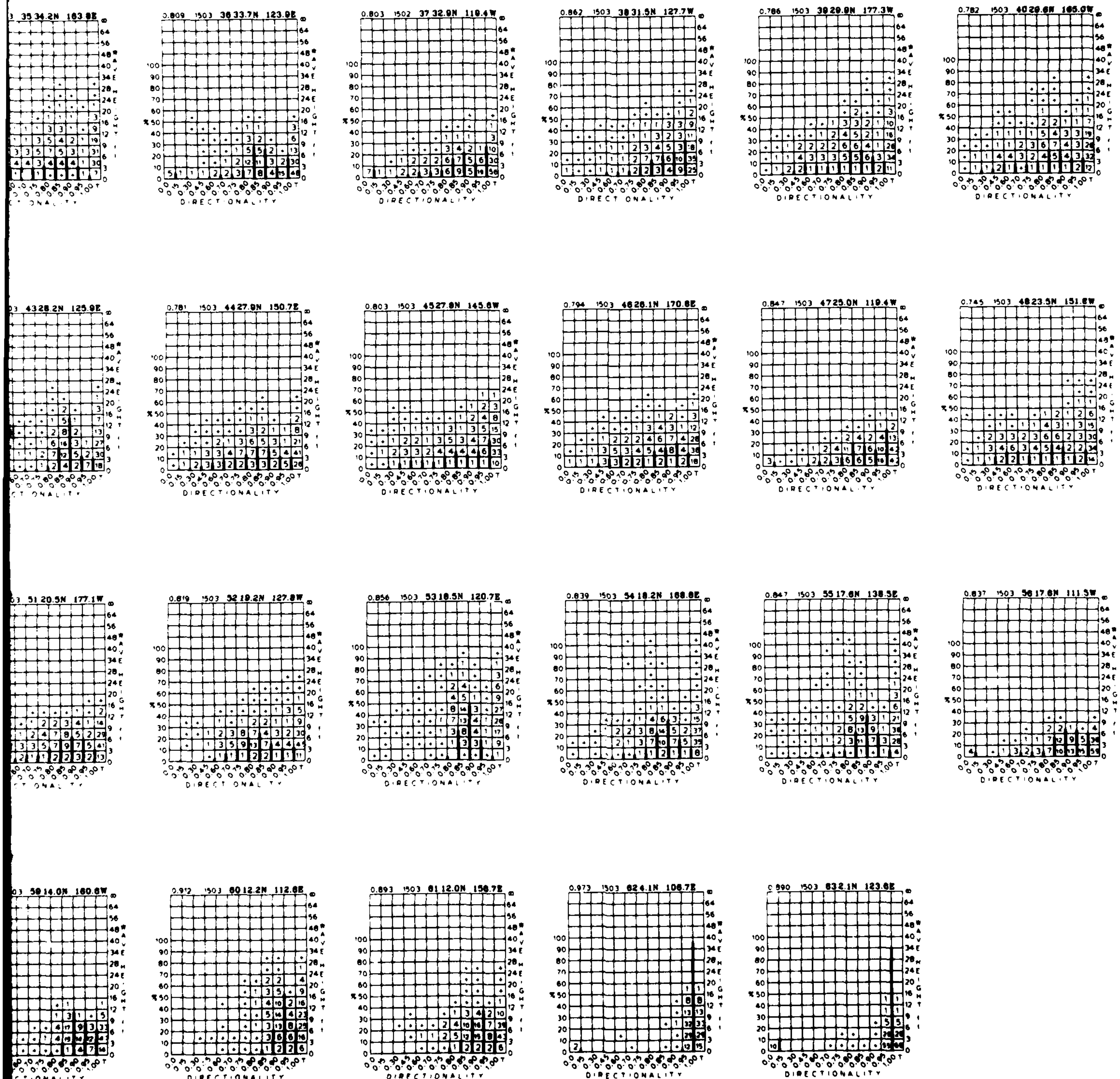
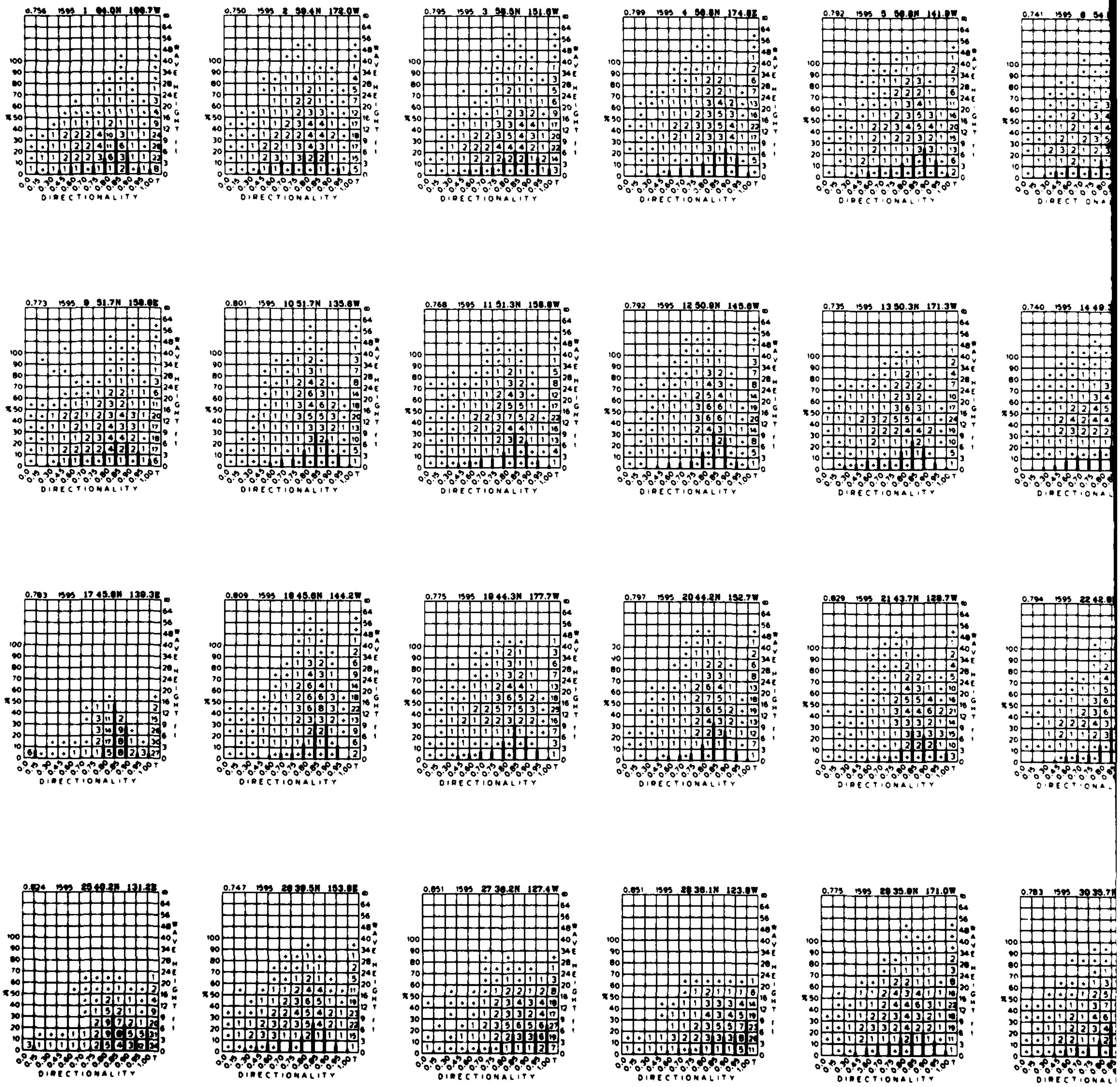


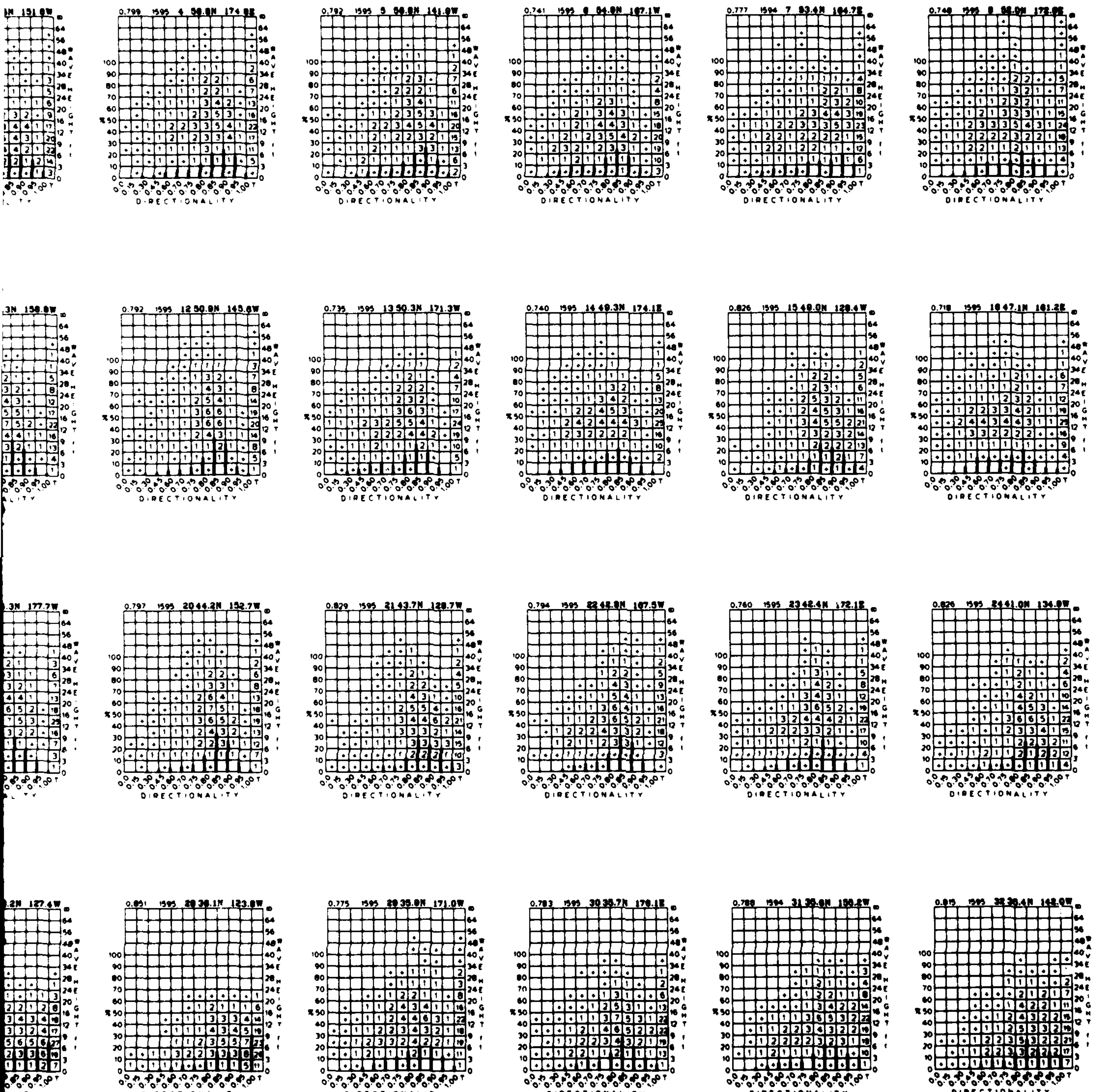
2

DECEMBER

WAVE HEIGHT

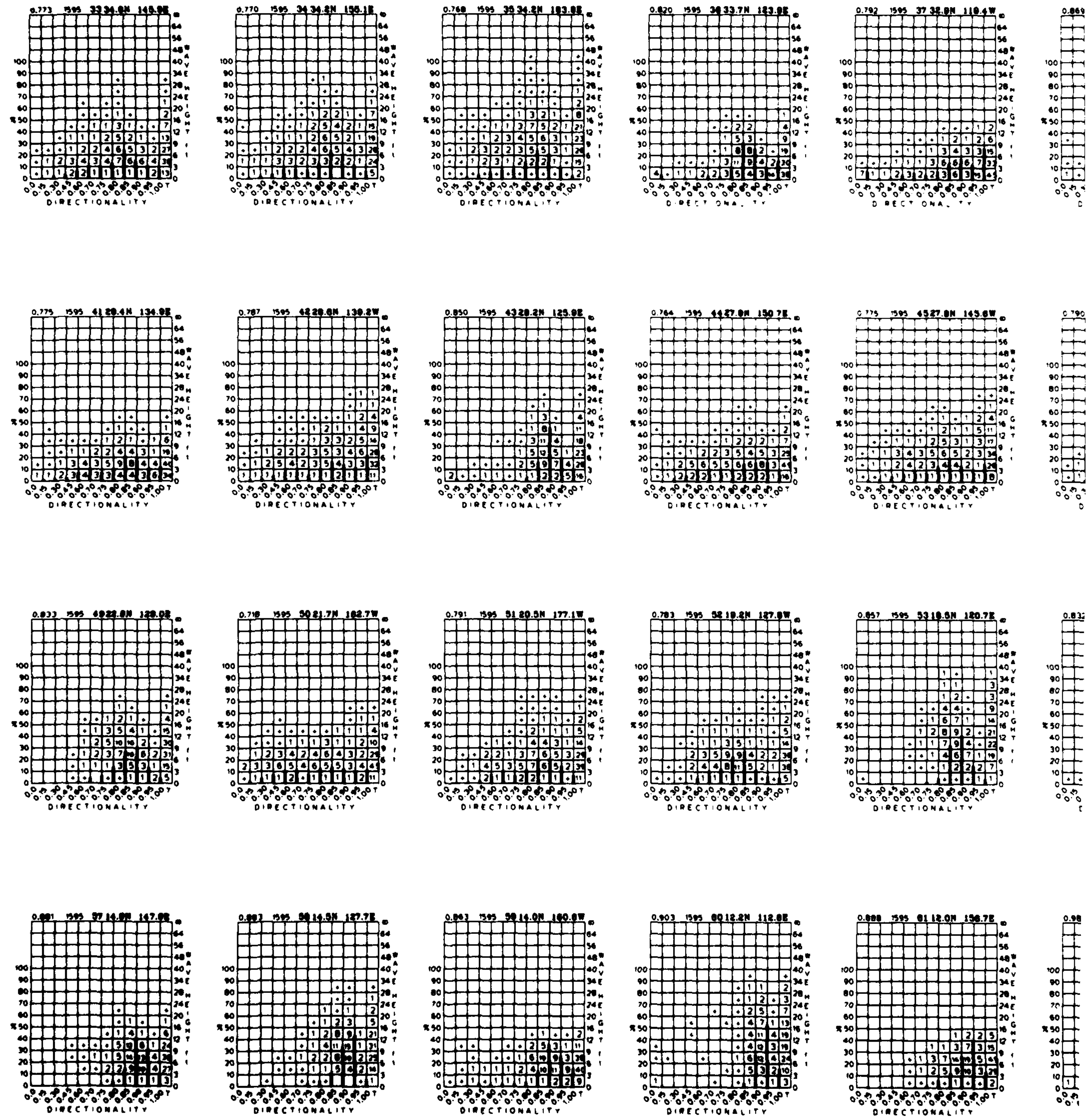


WAVE HEIGHT AND DIRECTIONALITY



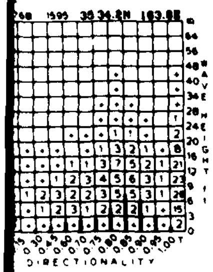
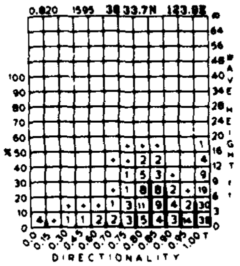
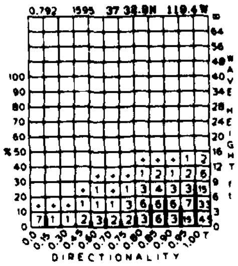
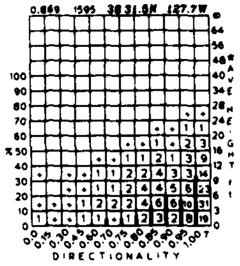
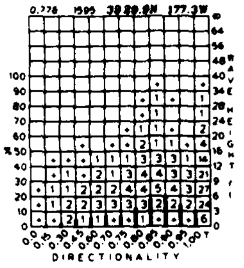
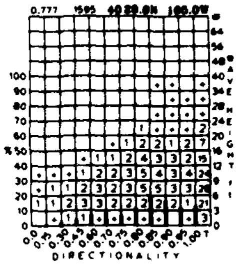
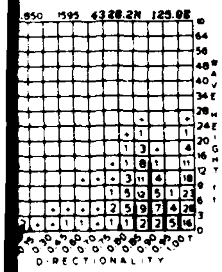
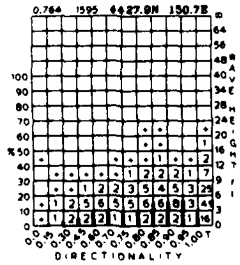
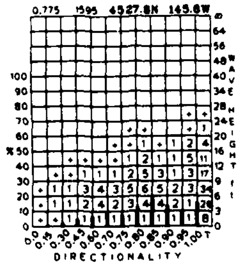
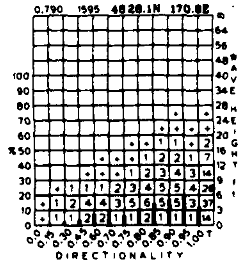
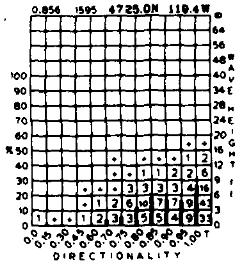
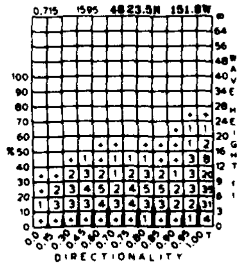
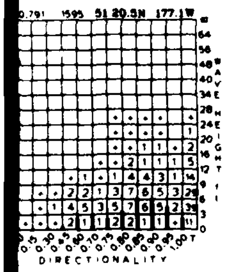
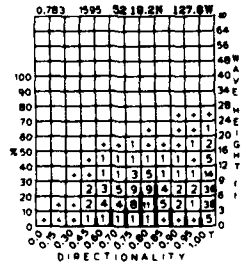
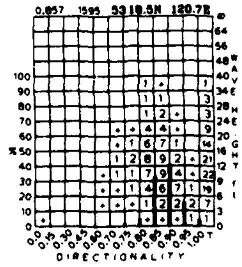
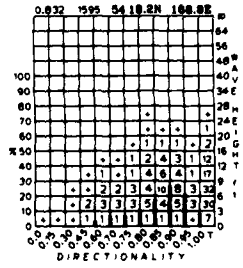
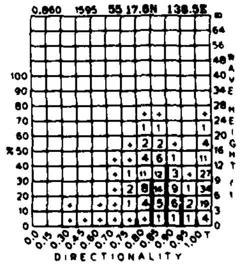
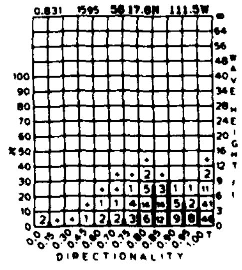
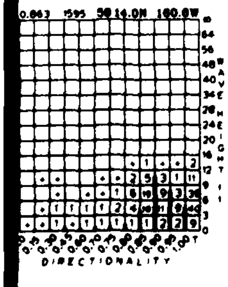
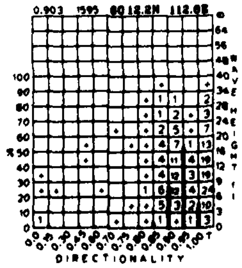
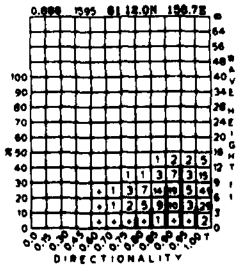
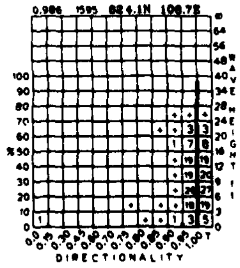
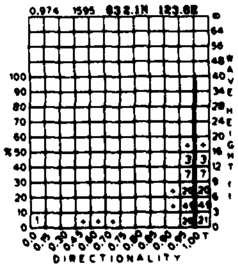
4

WAVE HEIGHT AND DIRECTIONALITY (Cont'd)



RECTIONALITY (Cont'd)

DECEMBER

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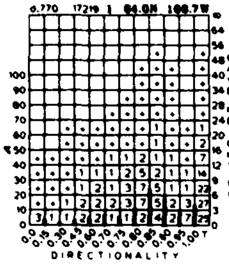
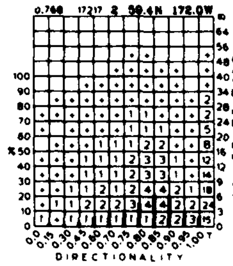
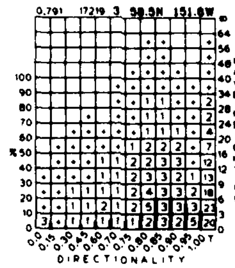
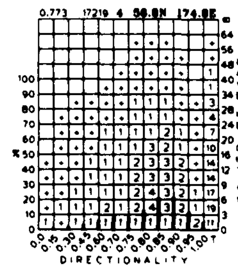
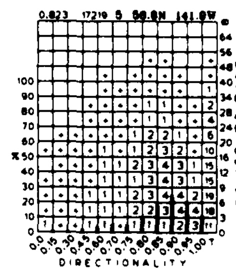
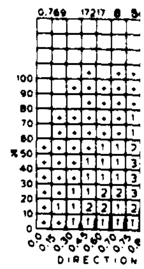
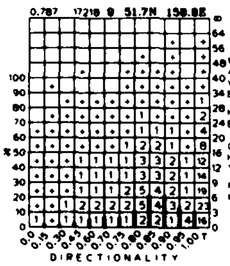
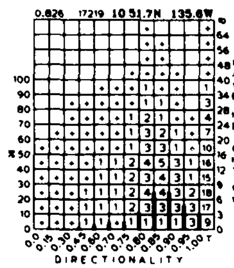
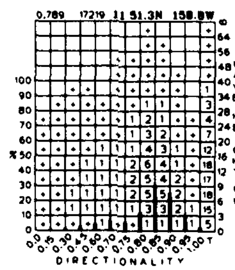
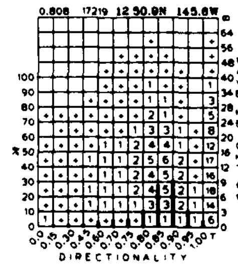
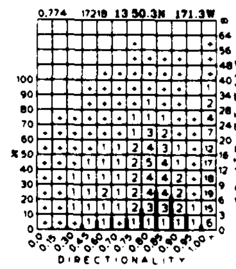
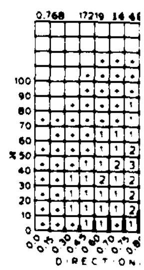
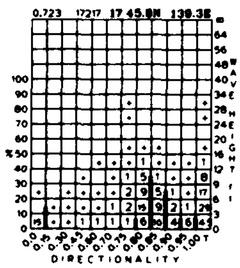
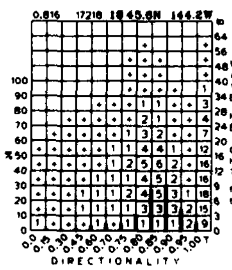
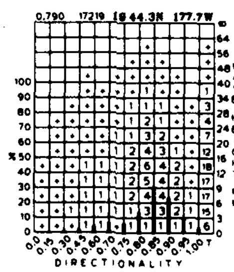
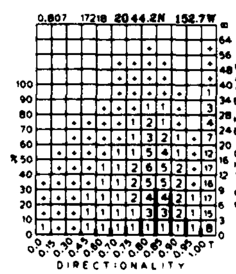
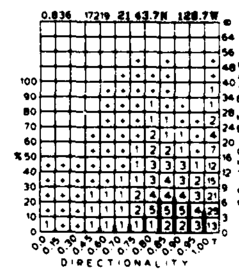
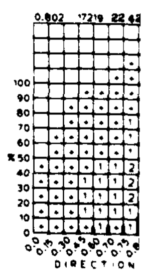
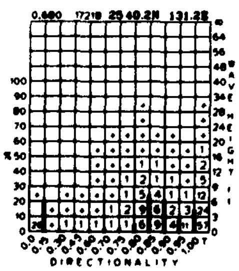
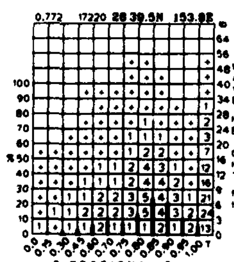
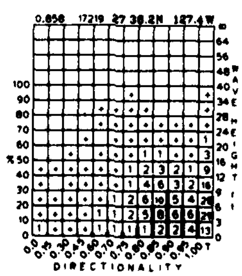
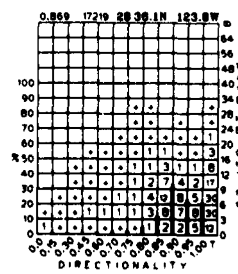
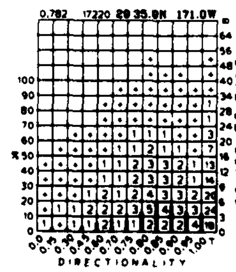
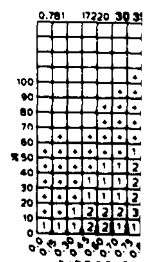
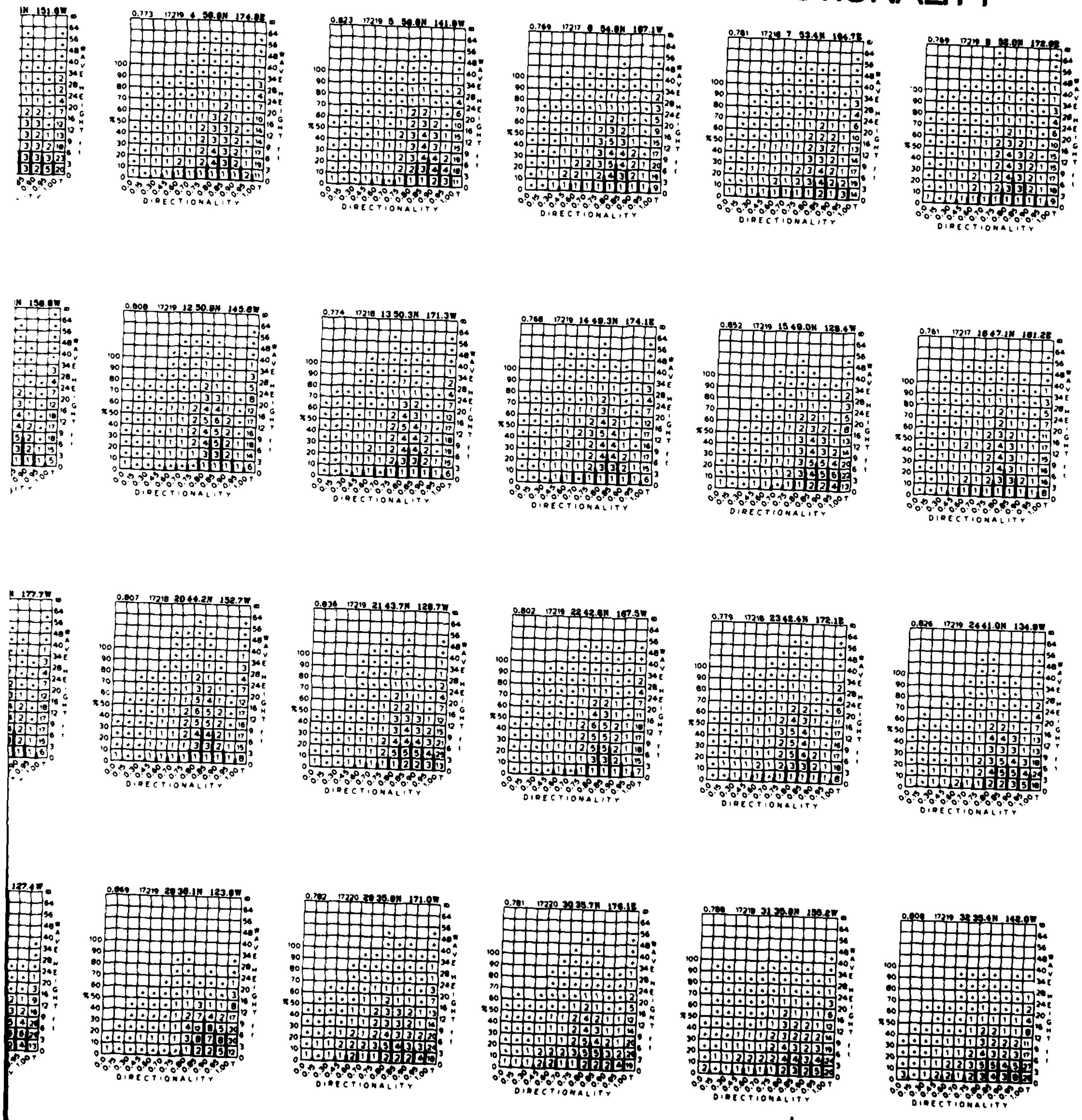
ANNUAL WAVE HEIGHT

WAVE HEIGHT AND DIRECTIONALITY



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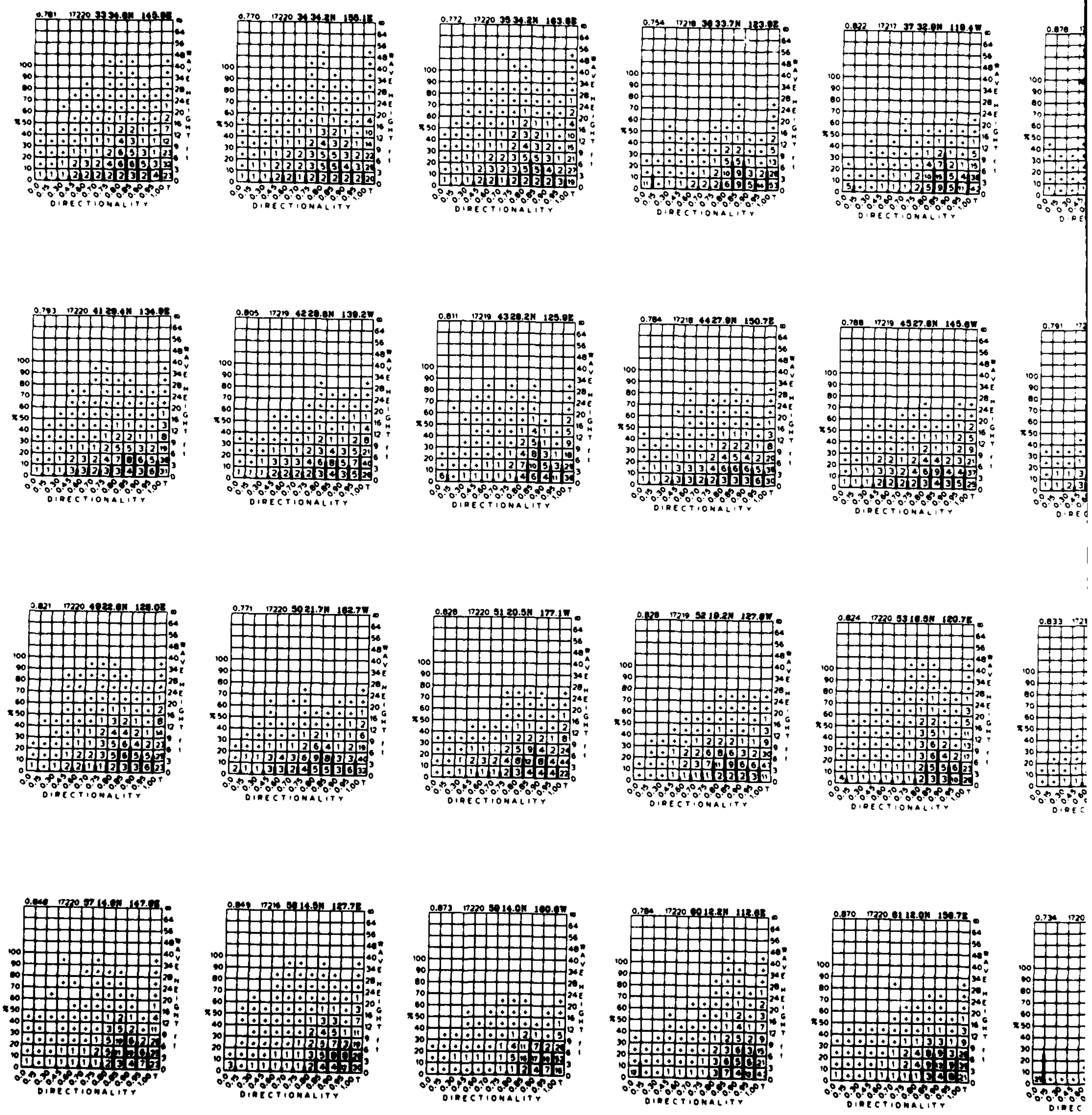

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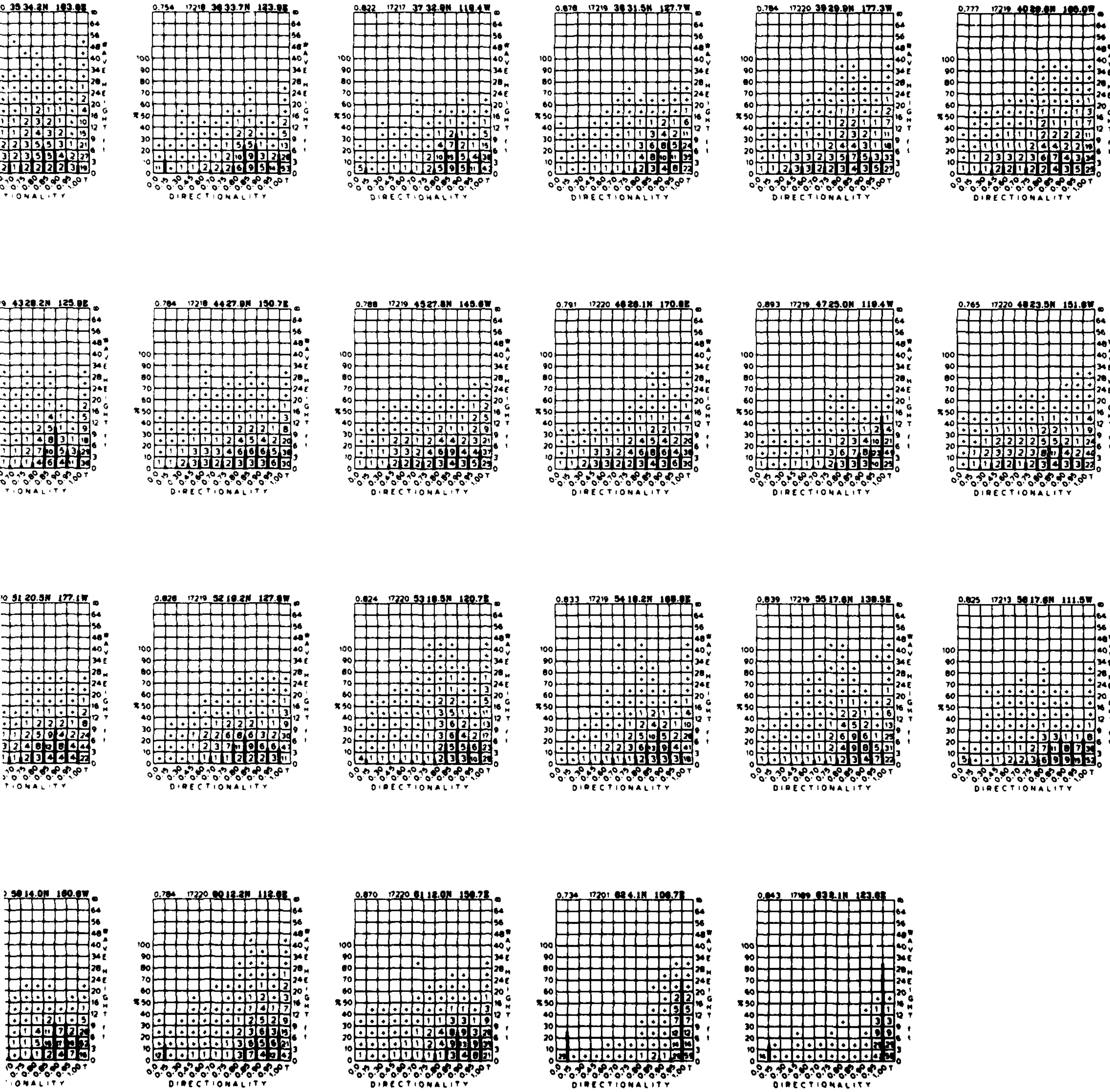

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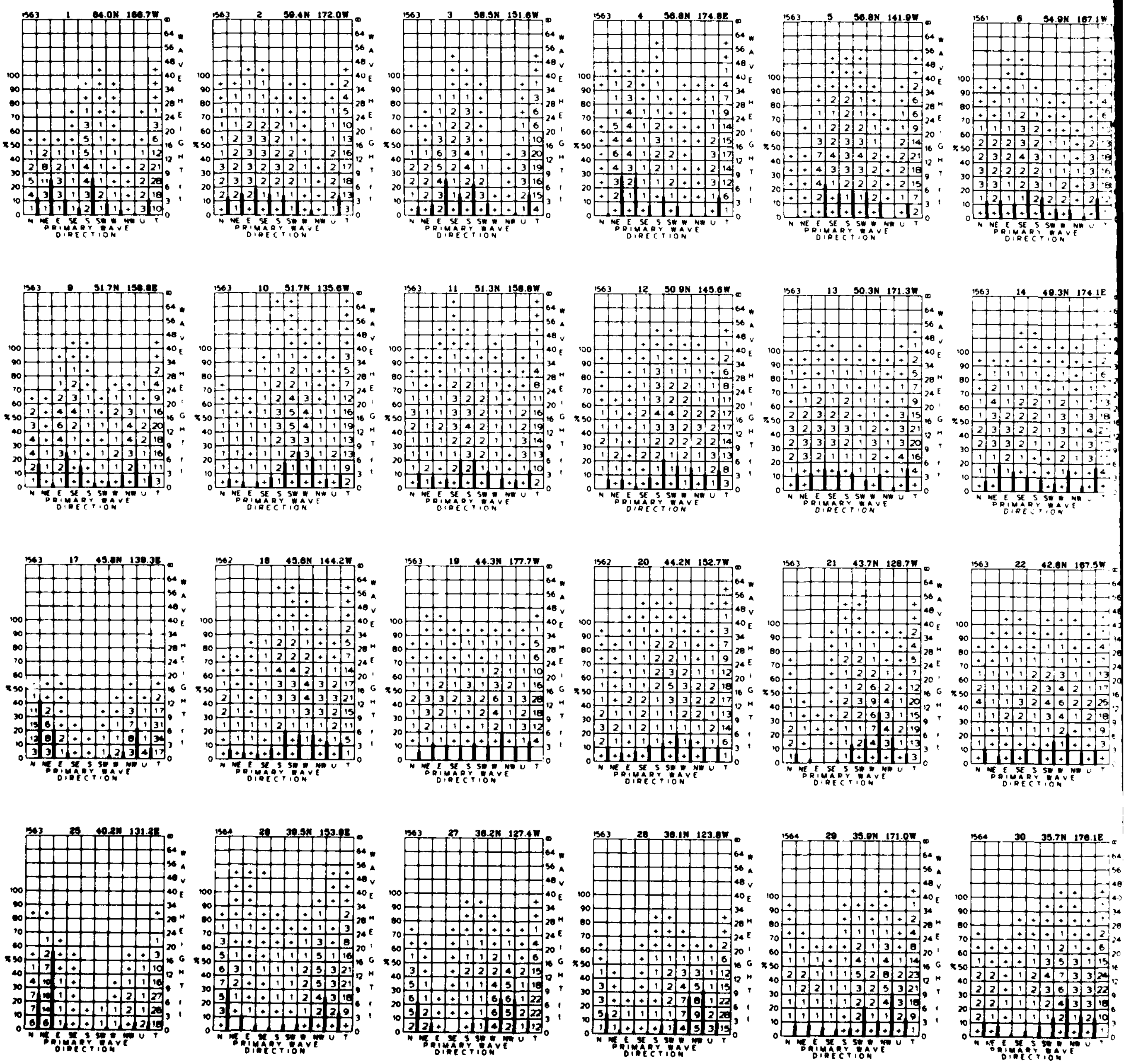
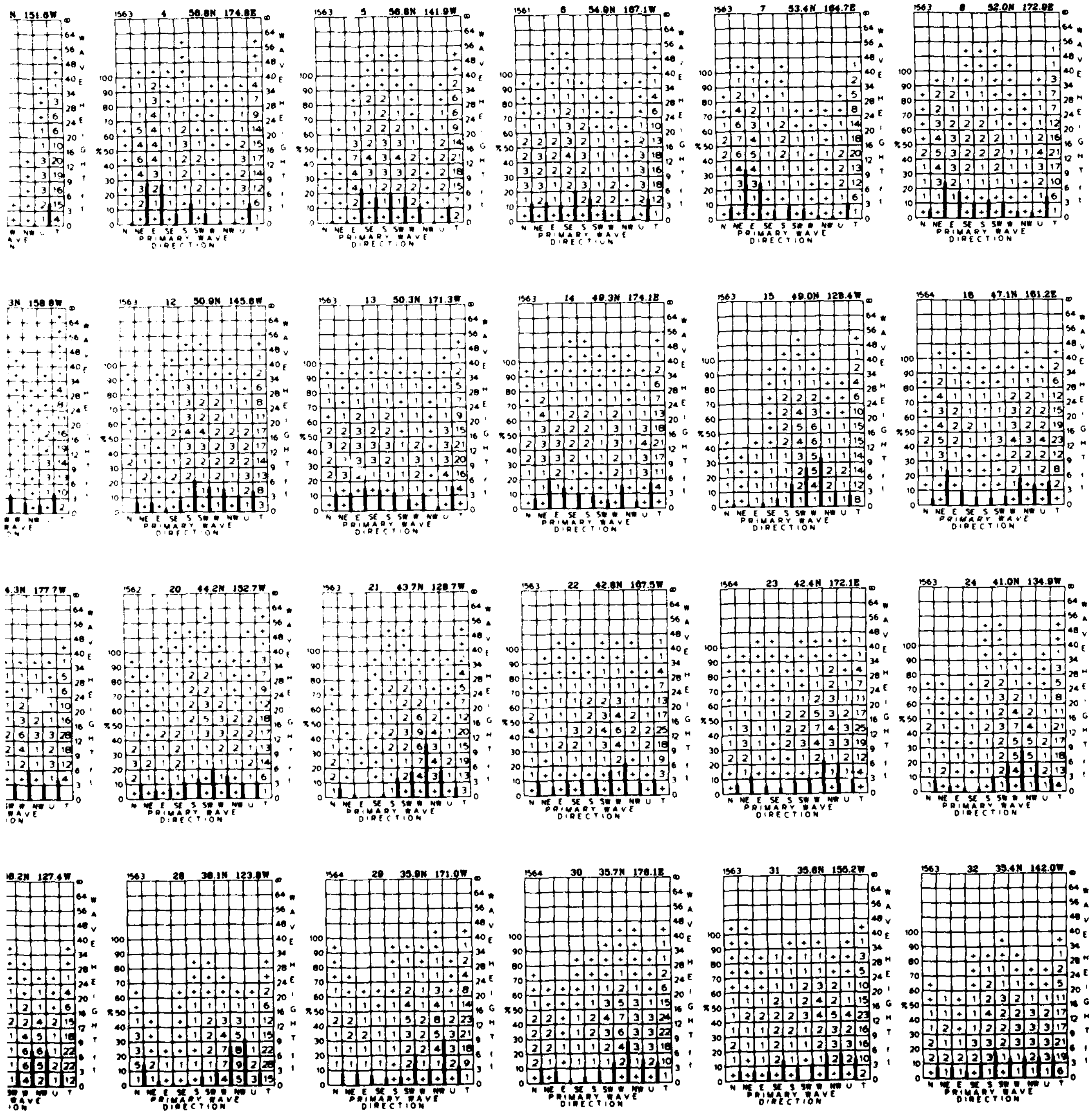
JANUARY

WAVE HEIGHT AND PRIMA



WAVE HEIGHT AND PRIMARY WAVE DIRECTION



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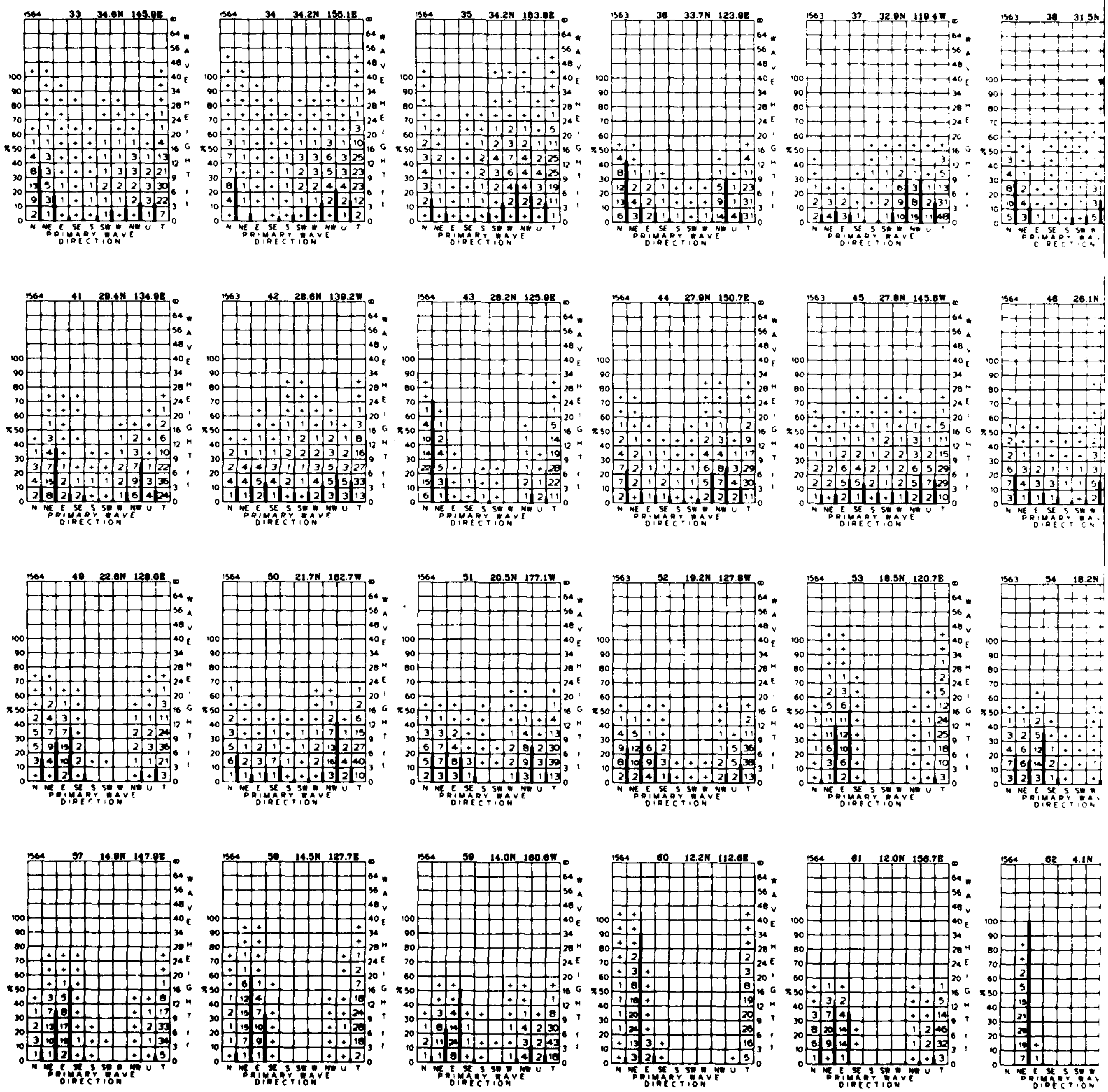

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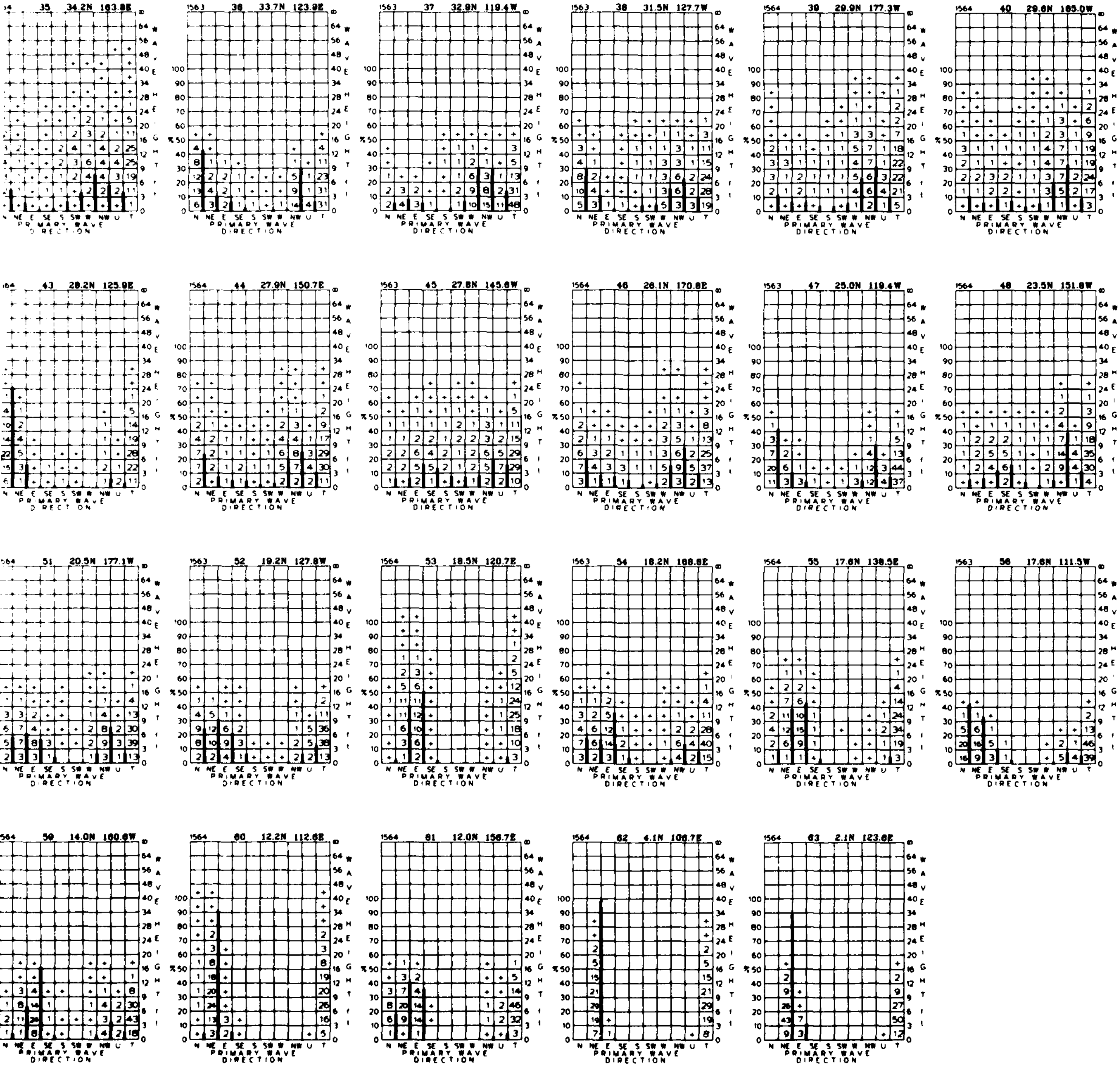

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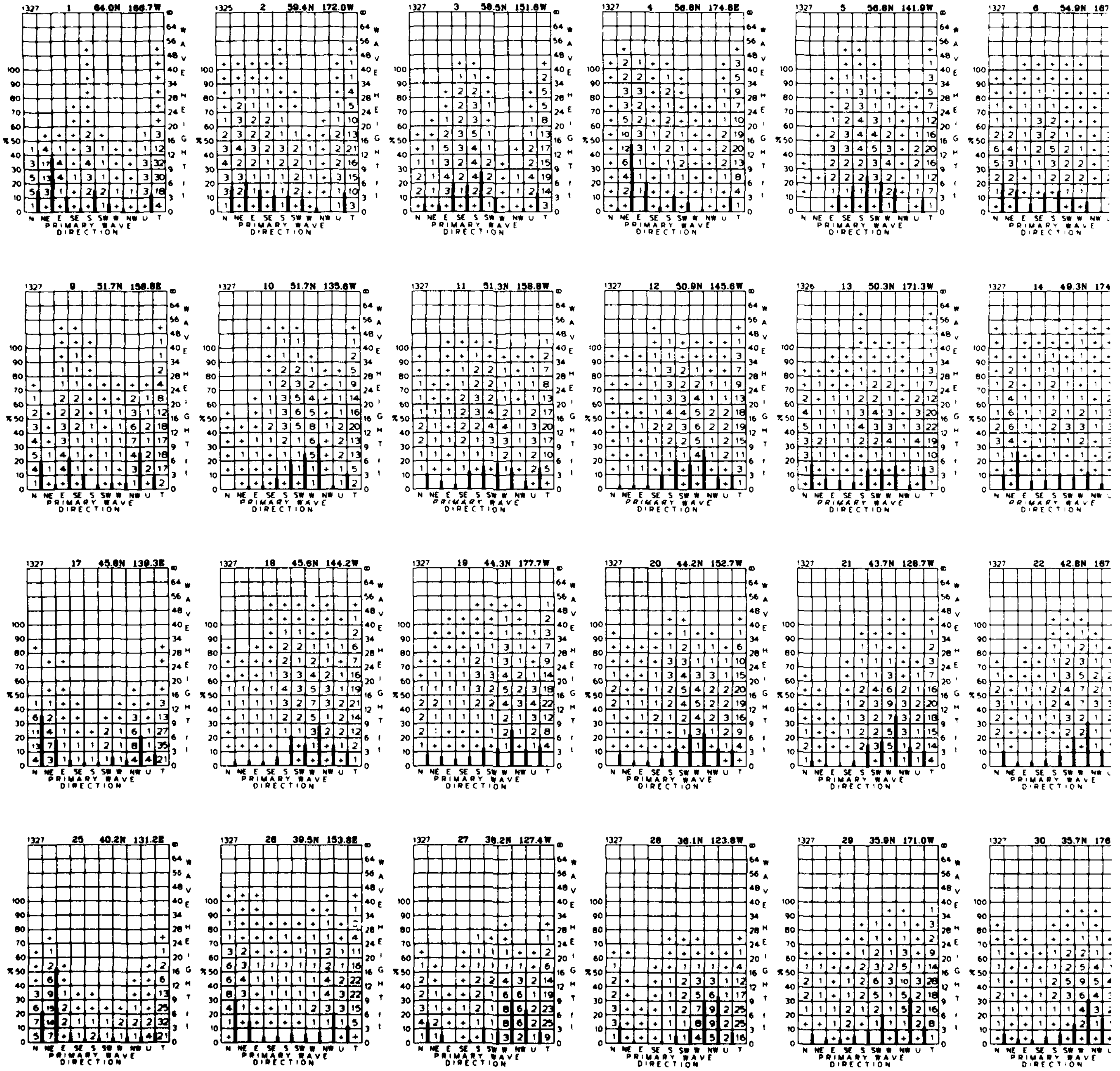
FEBRUARY

WAVE HEIGHT AND PRIM/



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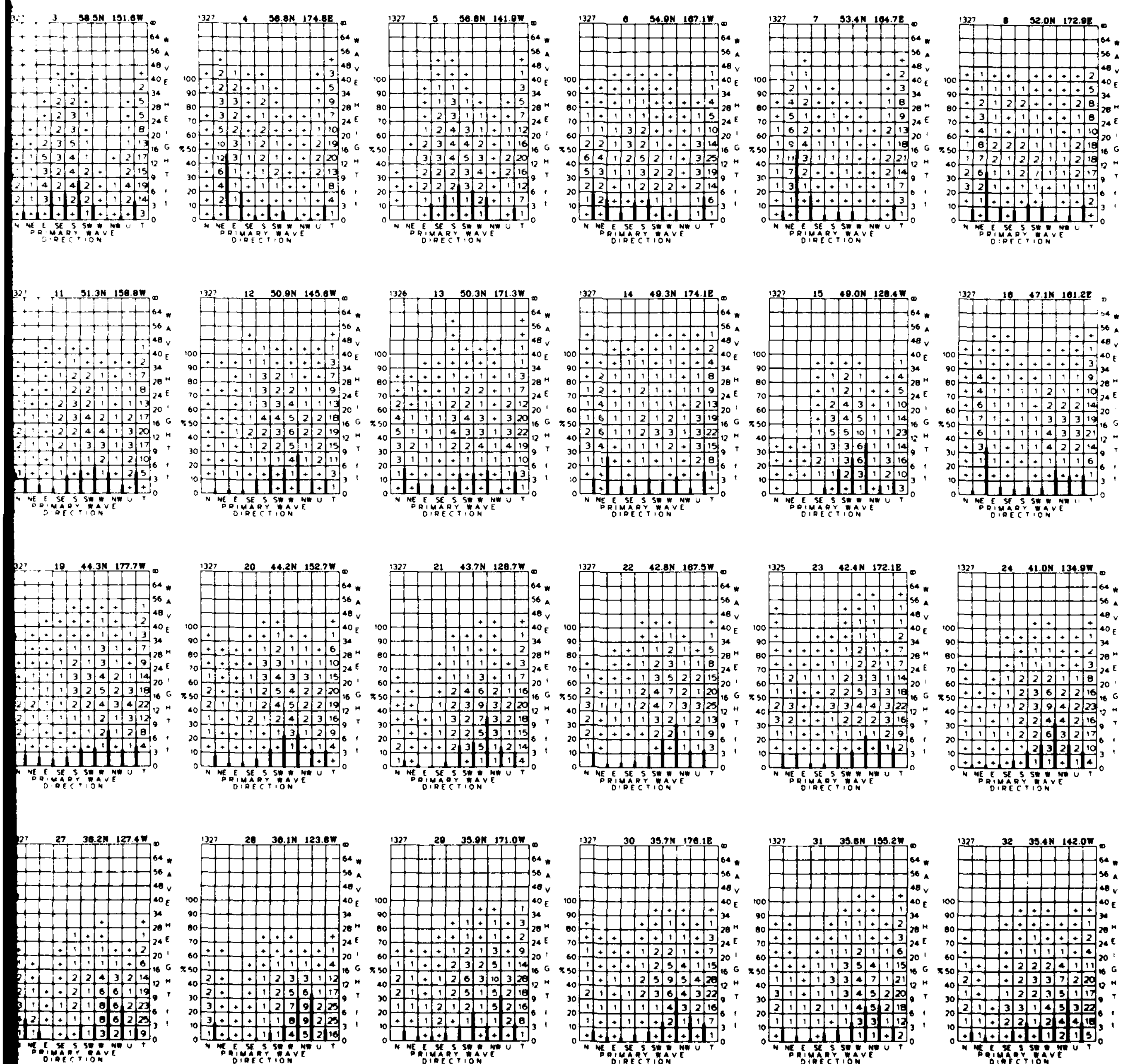

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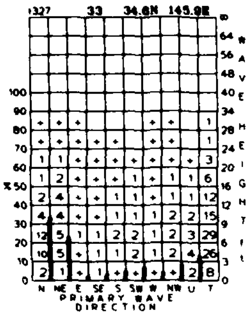

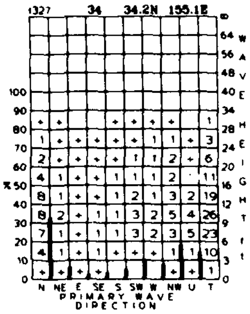

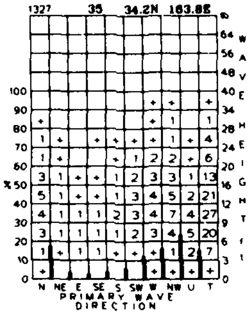

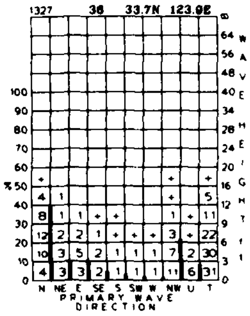

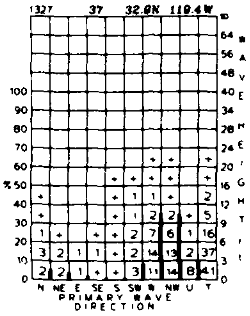

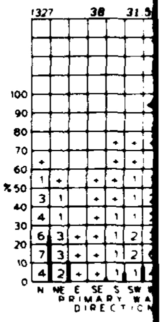

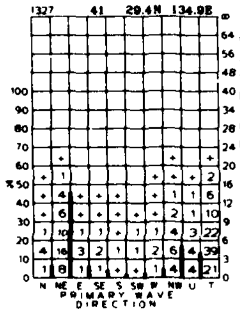

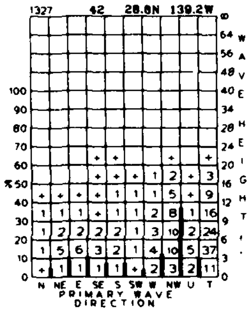

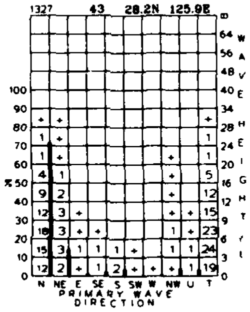

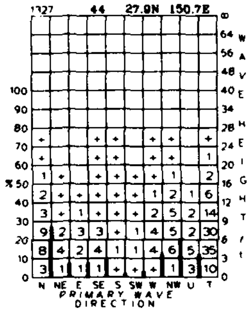

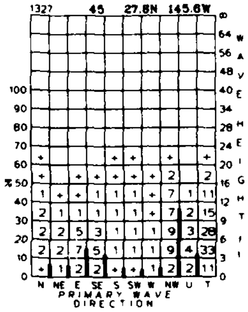

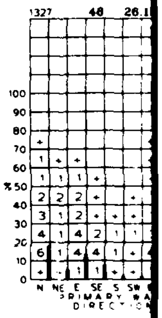

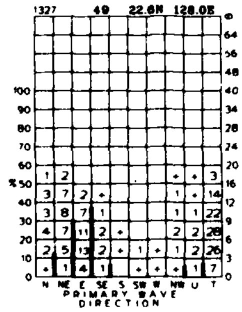

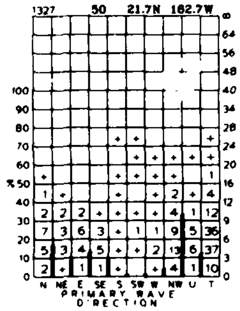

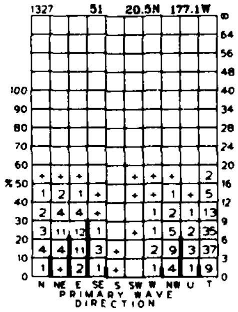

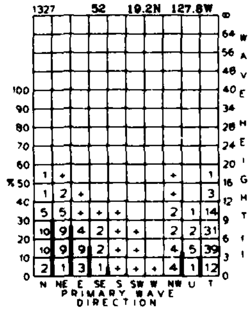

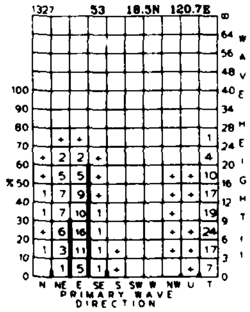

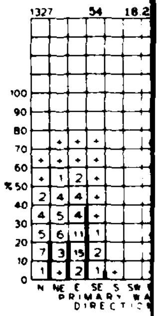

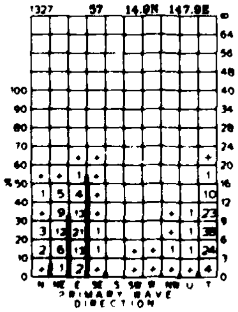

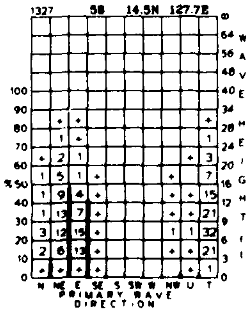

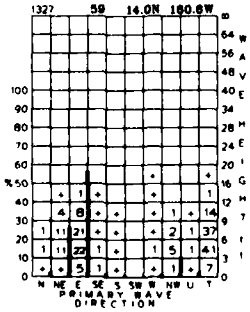

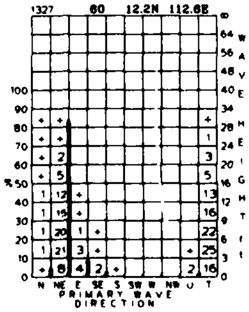

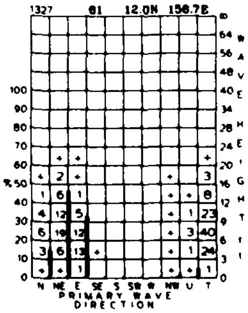

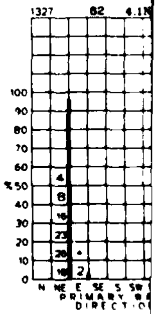

...ARY WAVE DIRECTION (Cont'd)

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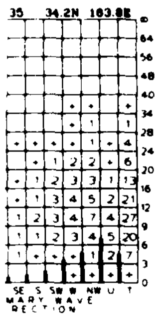
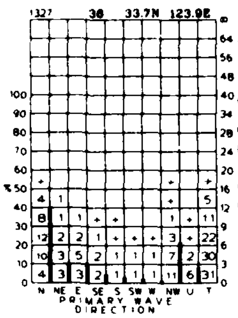
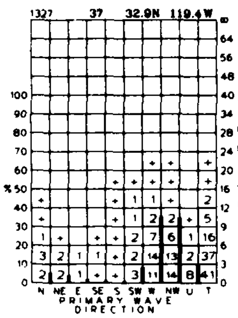
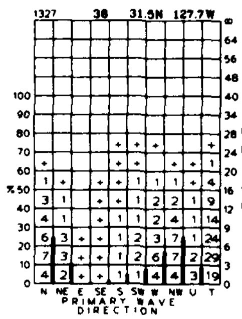
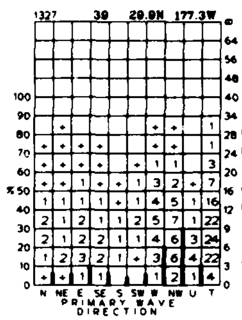
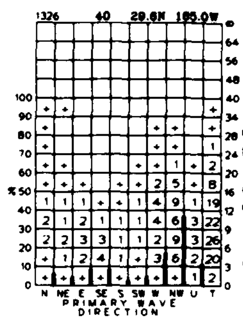
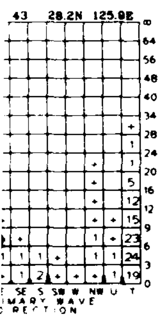
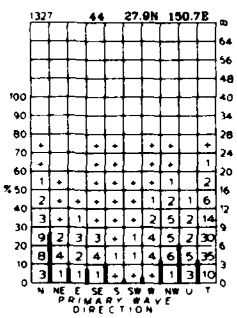
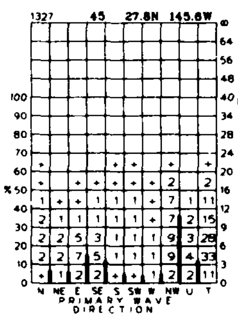
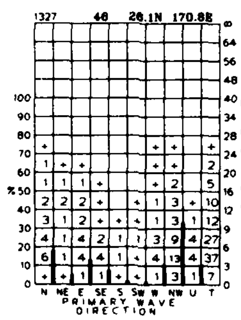
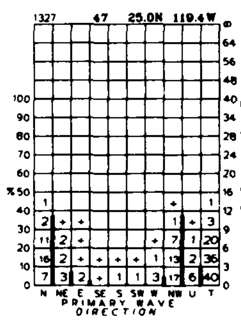
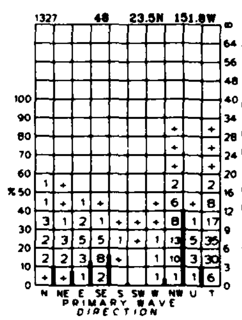
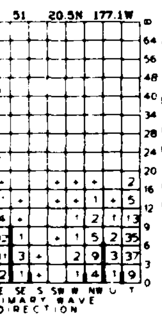
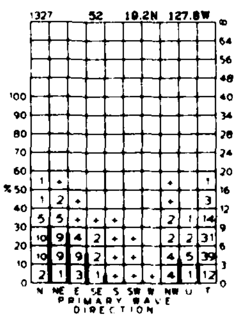
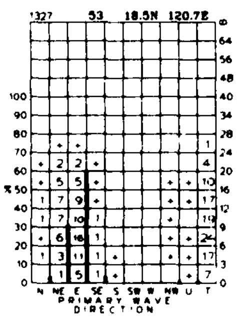
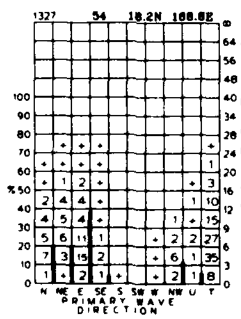
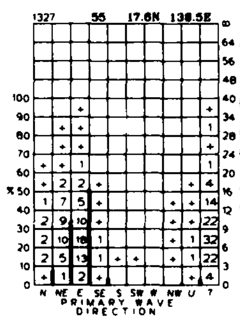
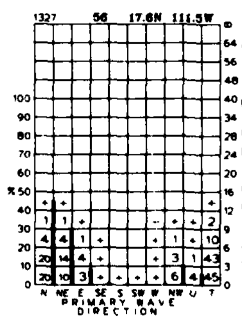
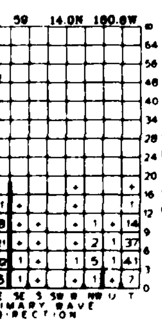
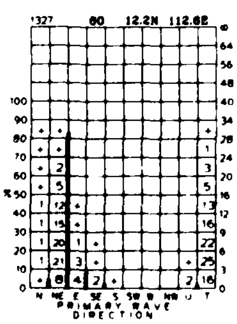
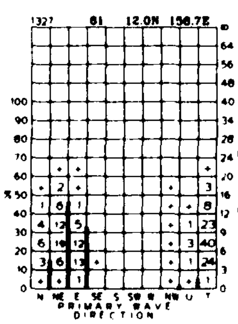
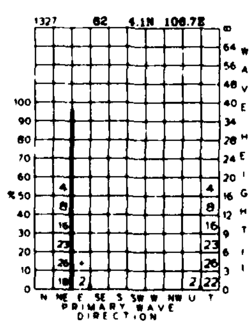
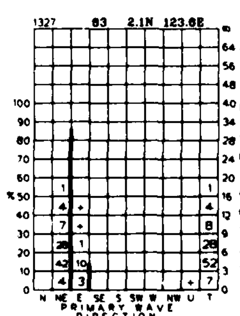

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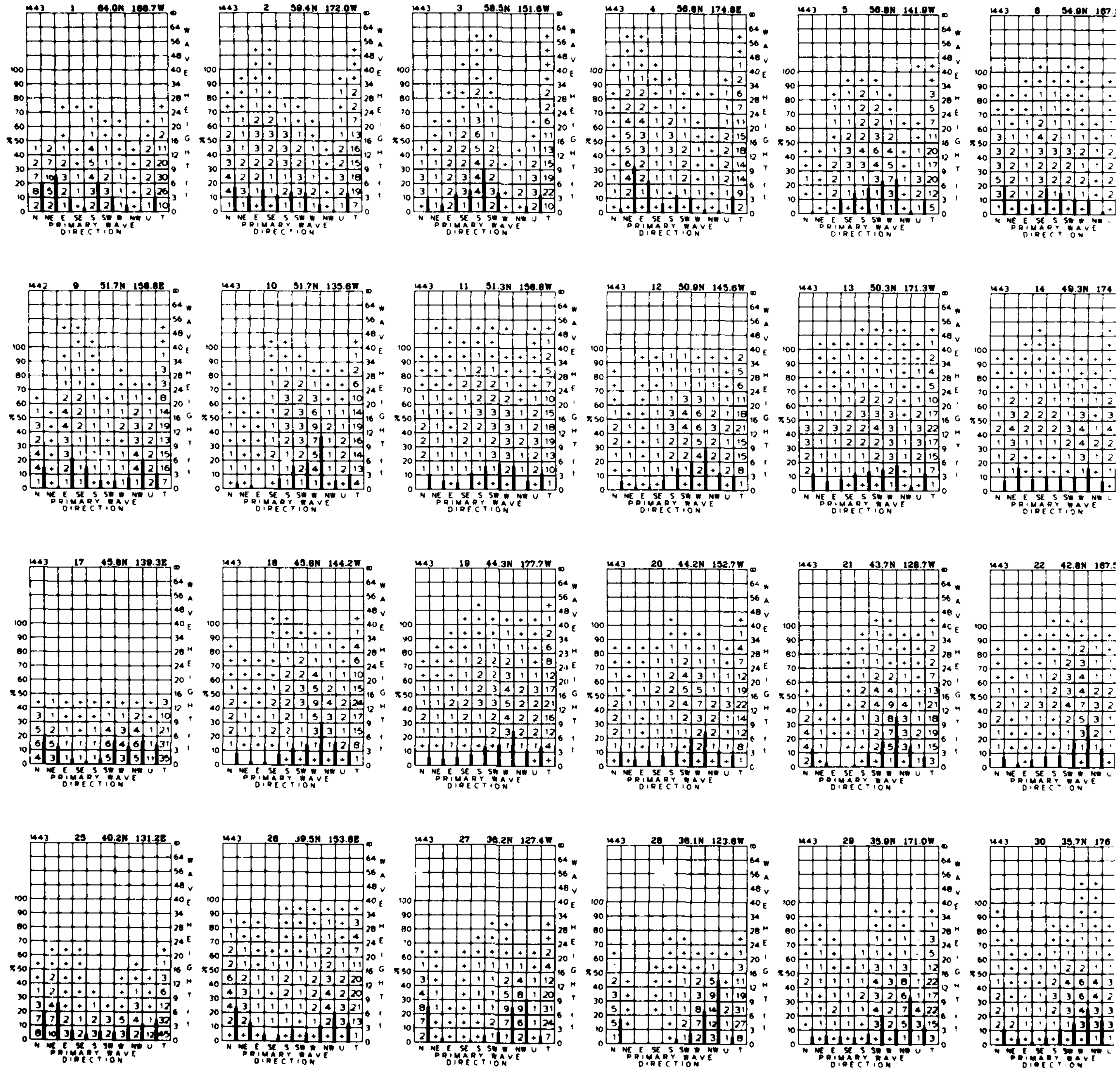
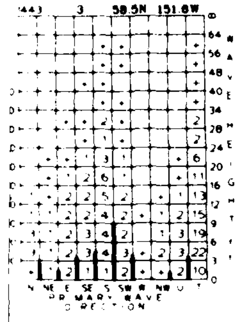
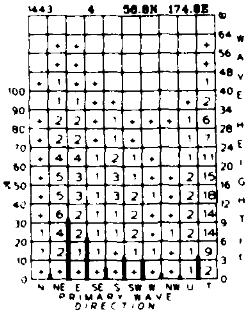
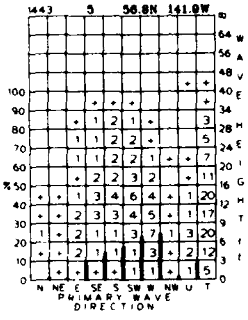
WAVE HEIGHT AND PRIMA

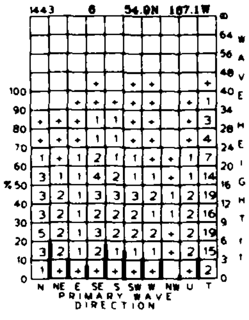


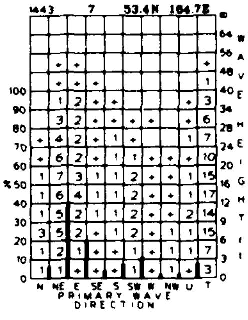
WAVE HEIGHT AND PRIMARY WAVE DIRECTION

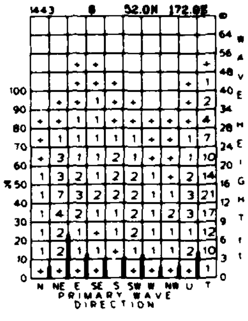


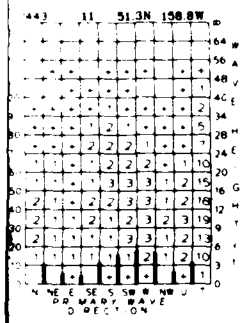


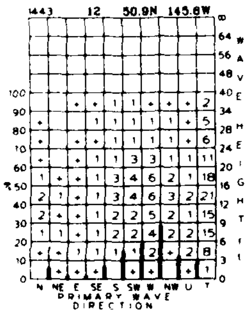


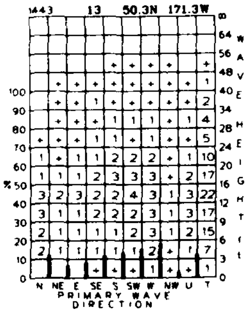


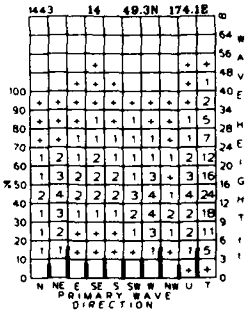


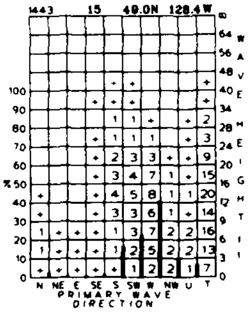


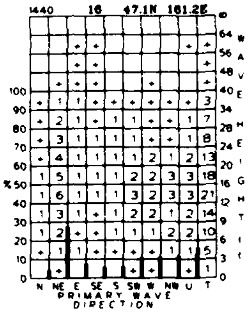


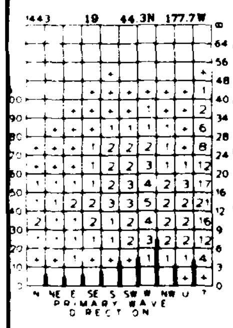


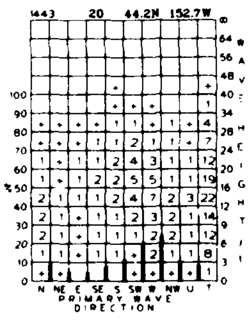


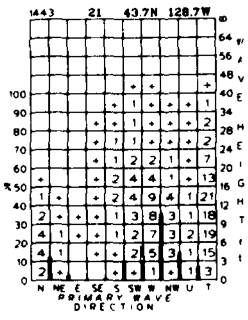


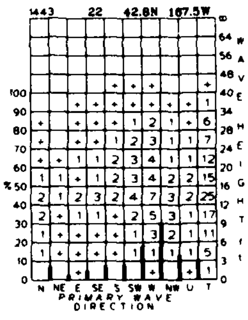


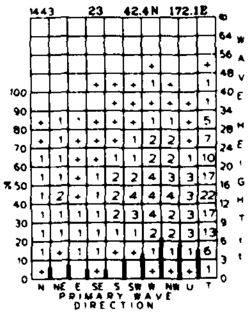


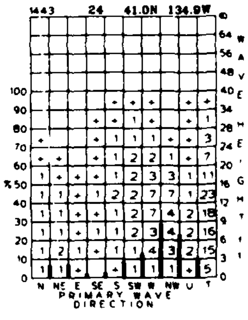


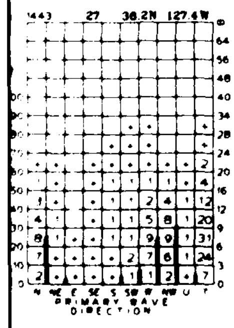


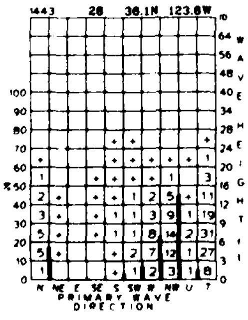


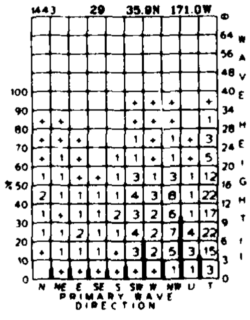


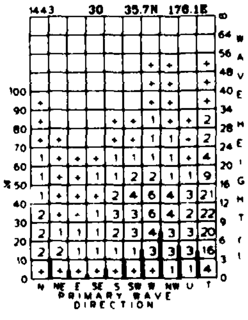


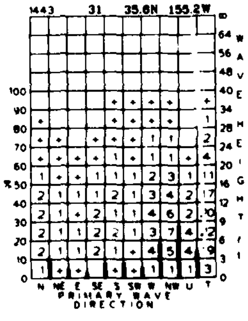


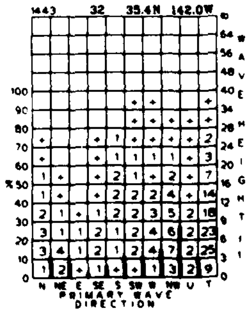












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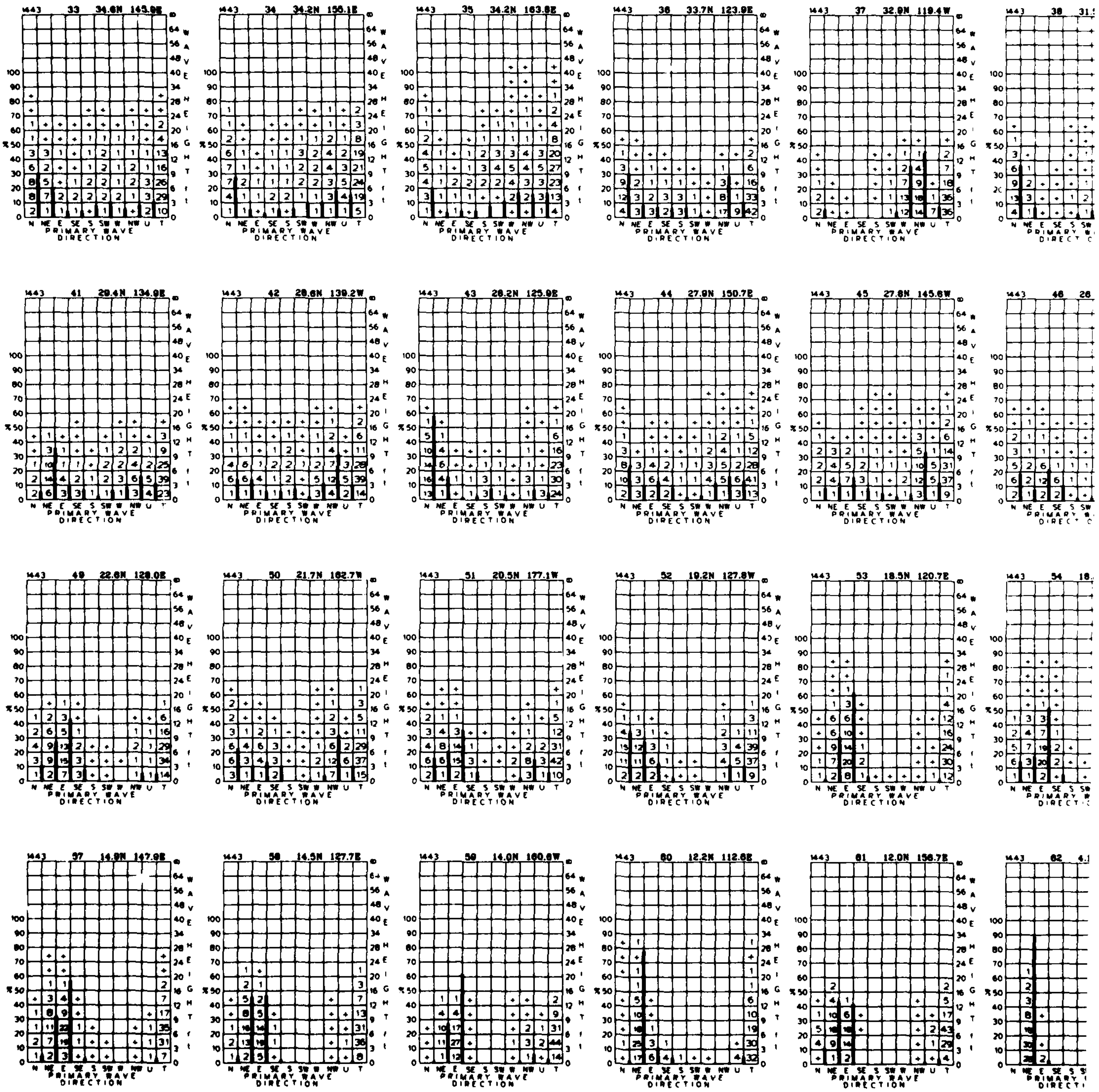
WAVE HEIGHT AND PRIMARY WAVE DIRECTION (Cont'd)



...ARY WAVE DIRECTION (Cont'd)

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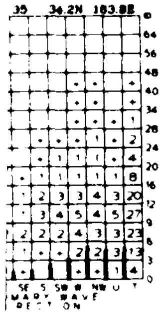
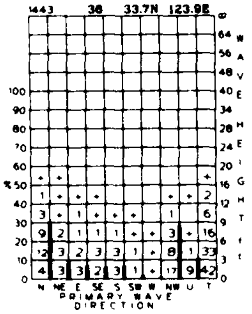
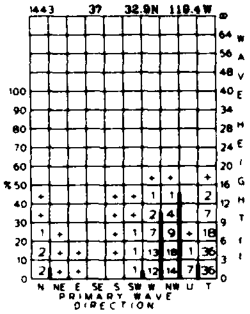
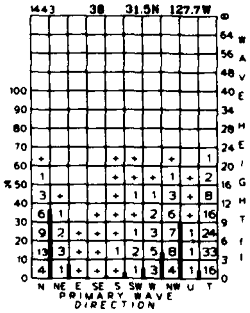
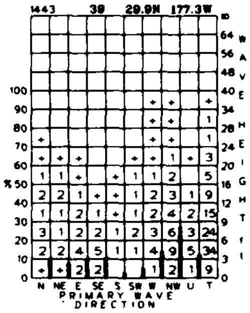
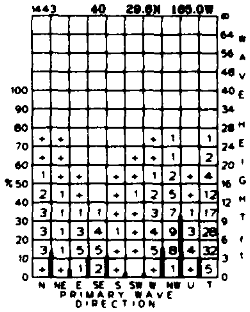


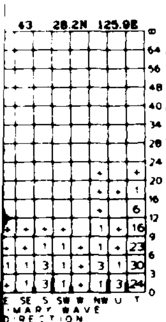


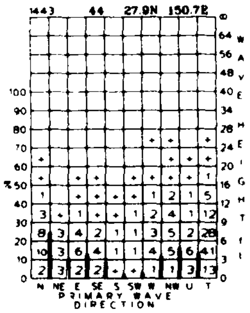


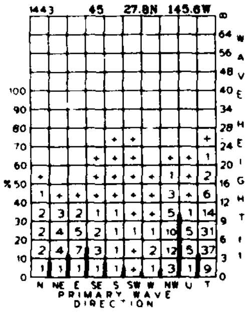


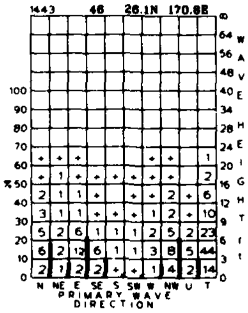


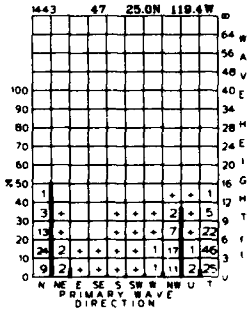


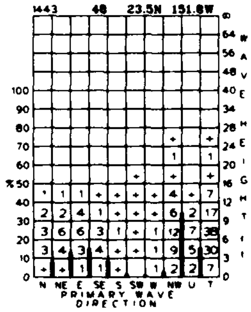


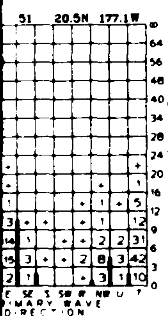


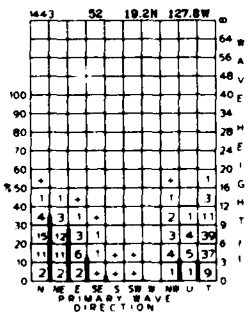


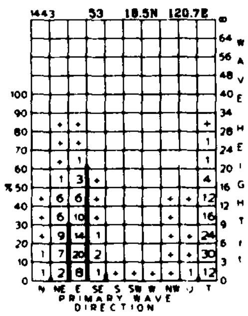


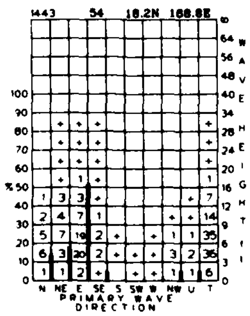


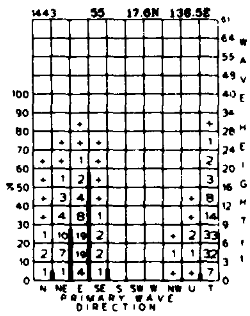


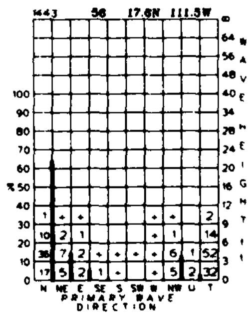


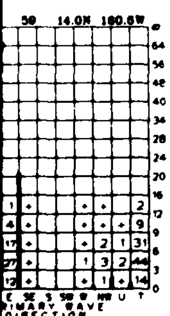


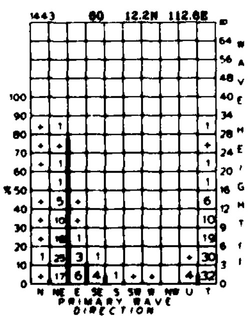


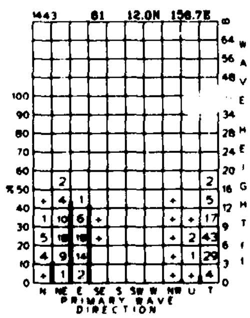


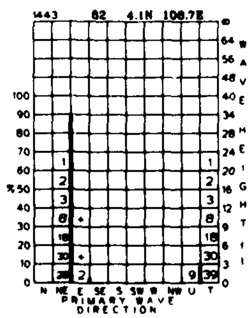


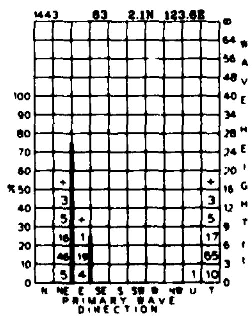








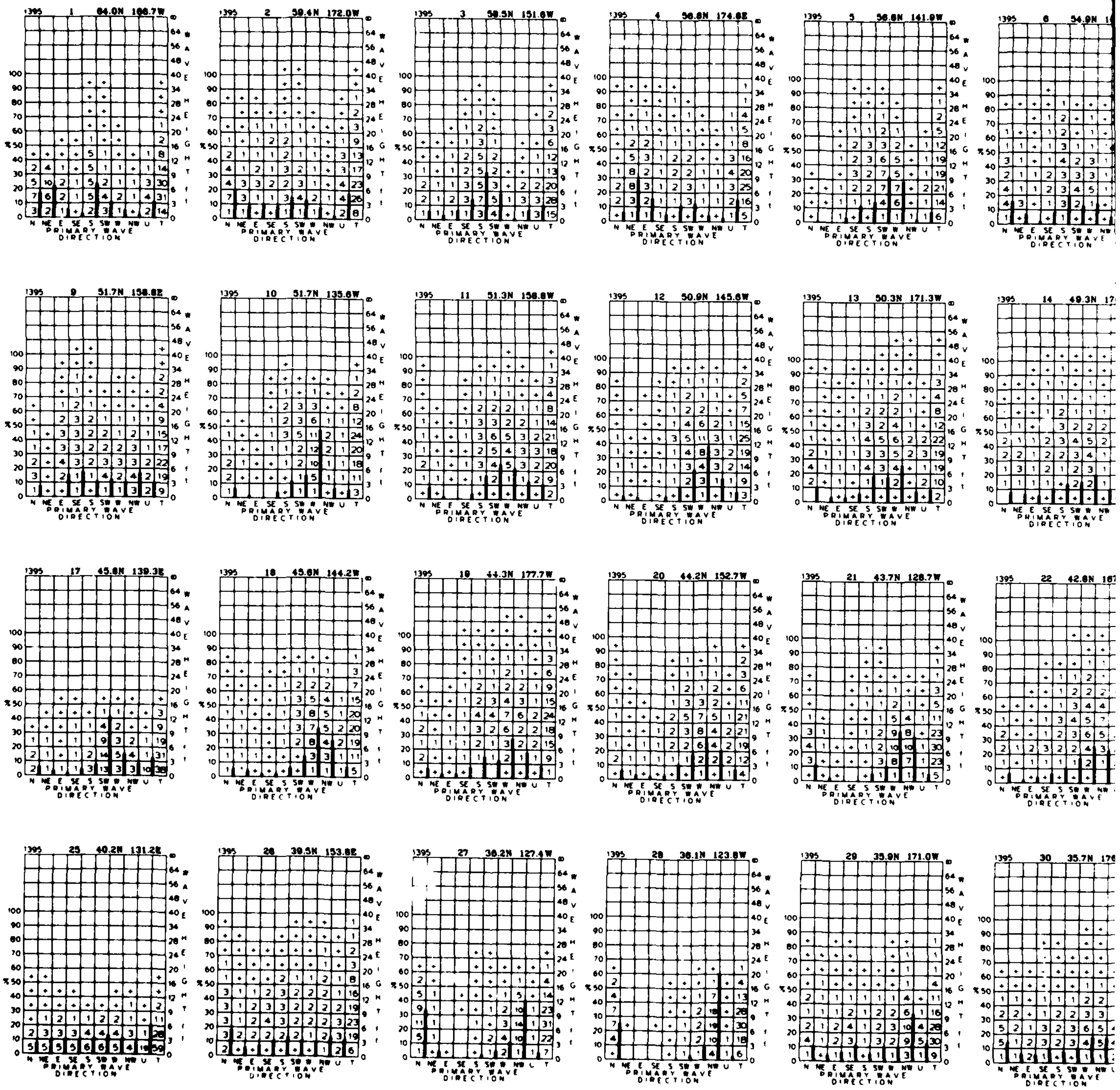




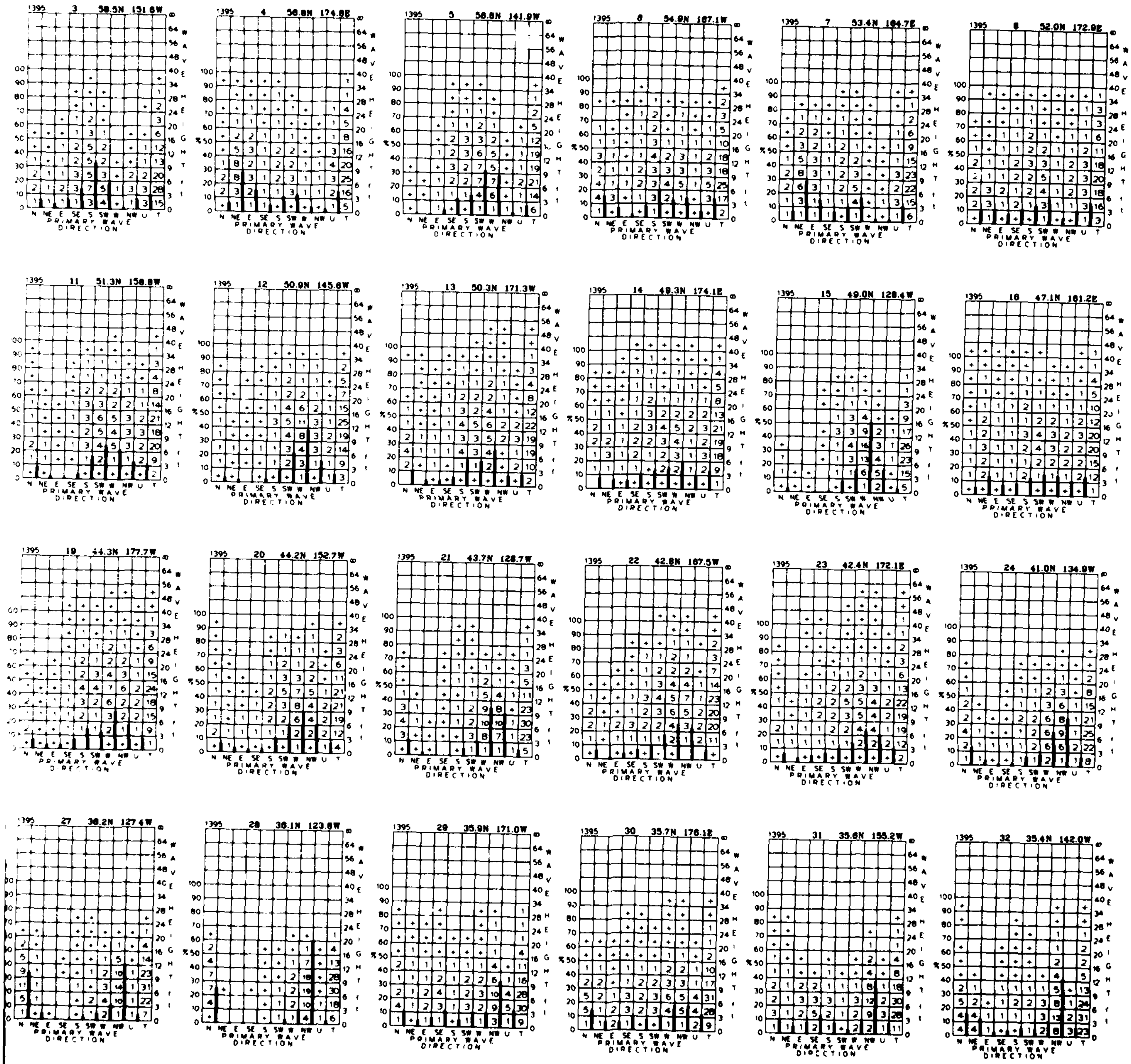
2

APRIL

WAVE HEIGHT AND PRIM



WAVE HEIGHT AND PRIMARY WAVE DIRECTION



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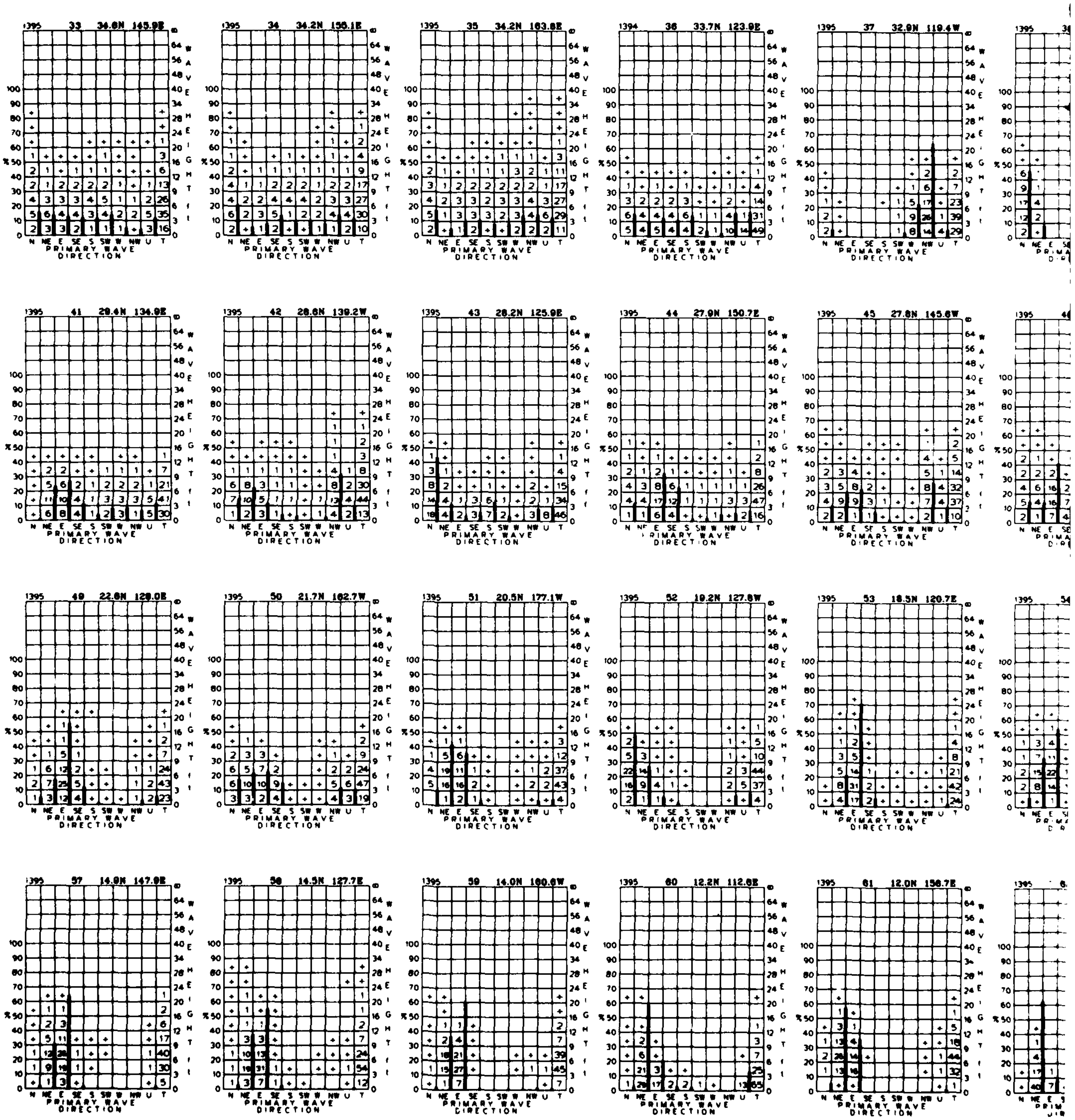
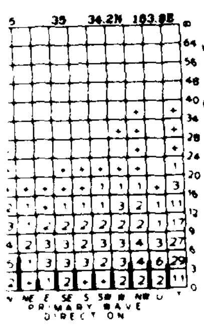
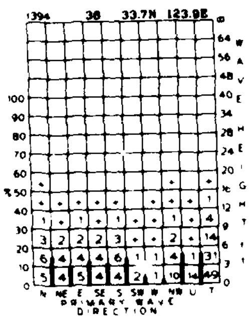
WAVE HEIGHT AND PRIMARY WAVE DIRECTION (Cont'd)

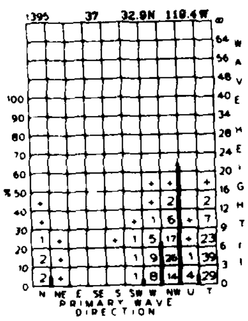


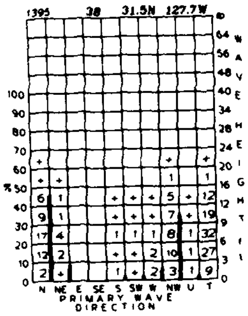
IMARY WAVE DIRECTION (Cont'd)

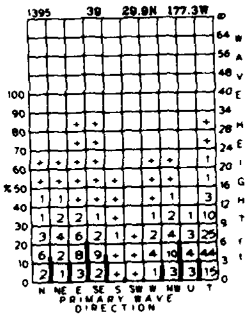
APRIL

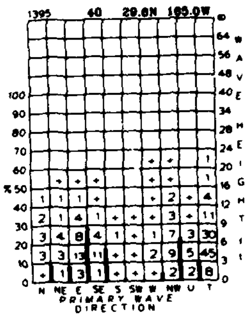


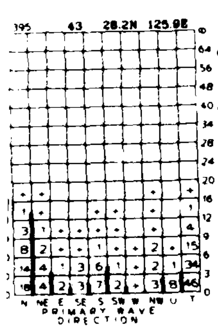


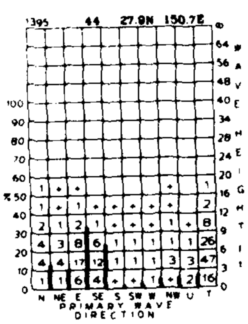


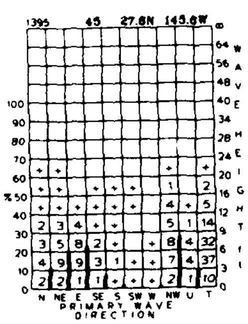


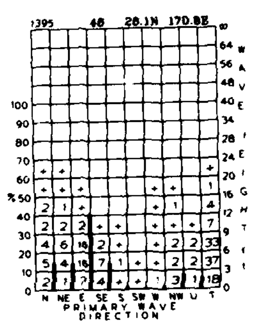


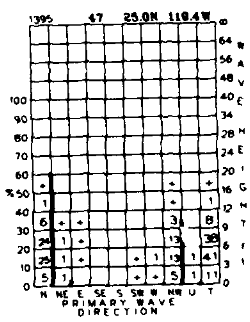


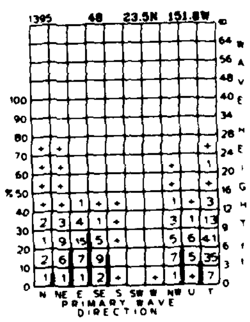


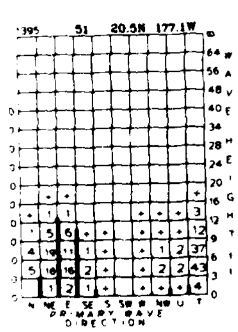


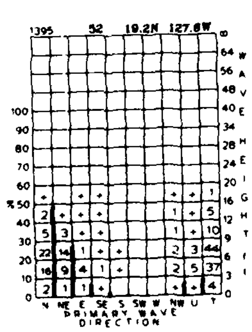


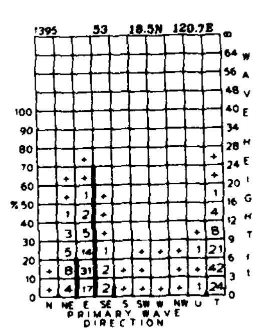


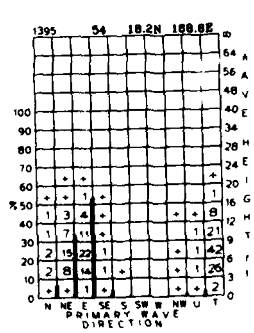


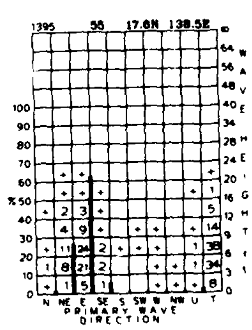


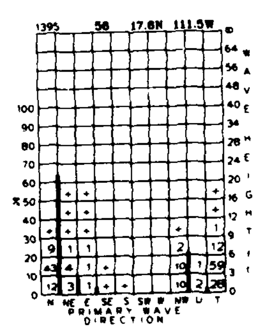


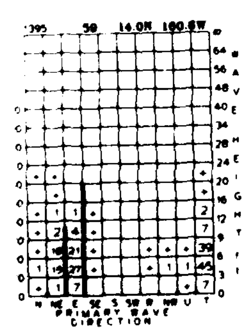


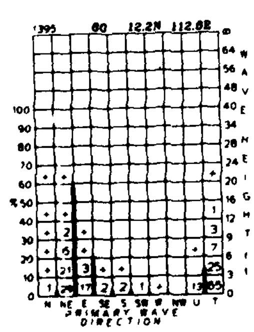


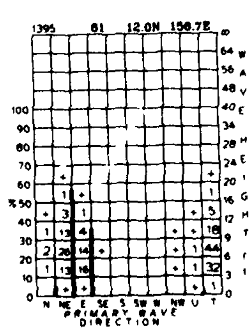


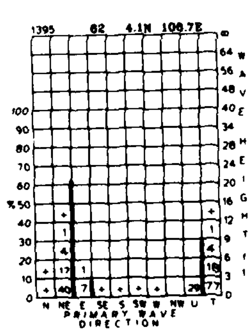


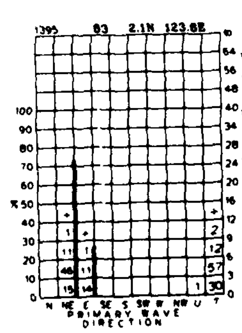






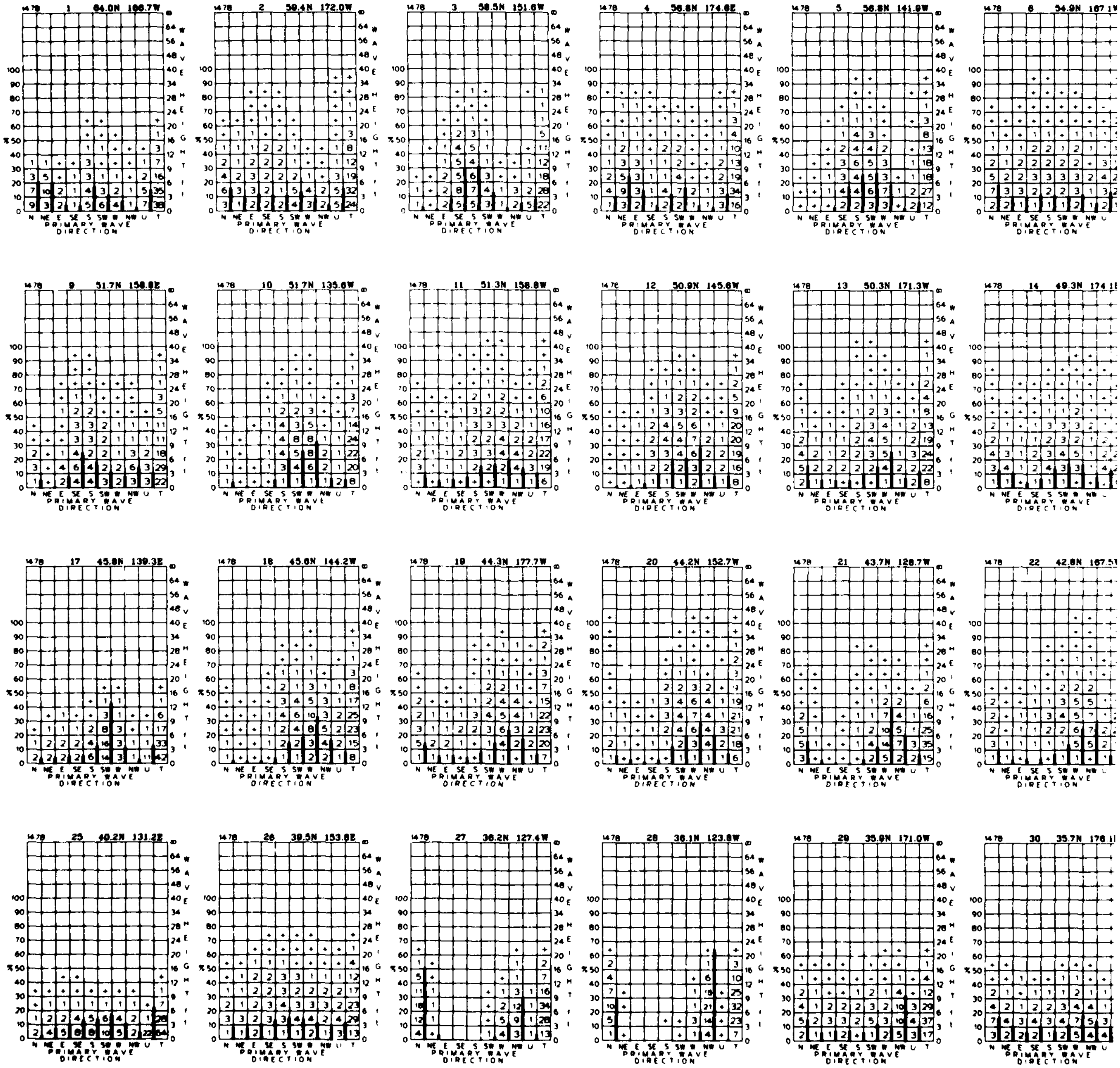




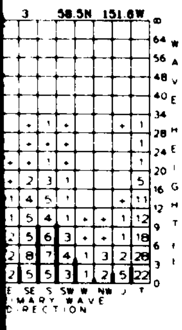


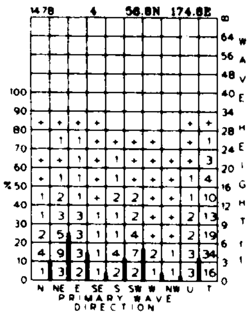
MAY

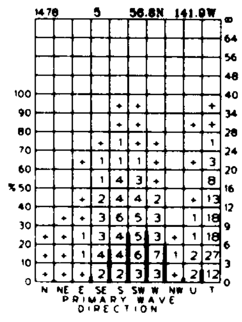
WAVE HEIGHT AND PRIMA

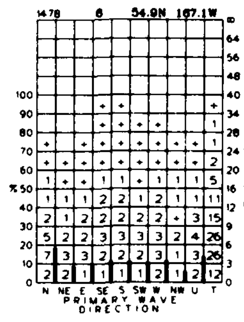


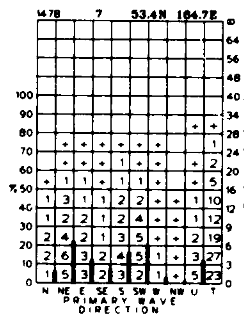
WAVE HEIGHT AND PRIMARY WAVE DIRECTION

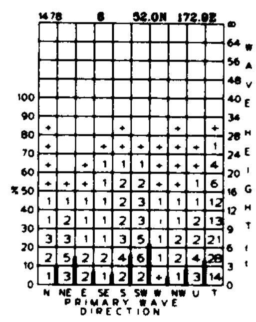


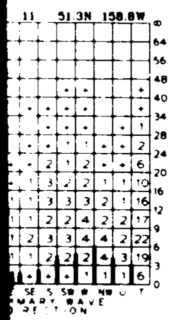


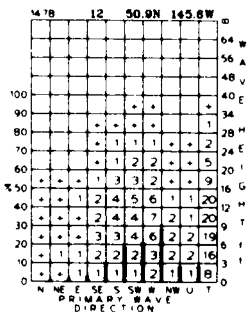


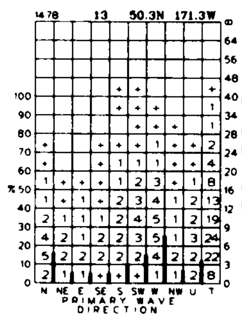


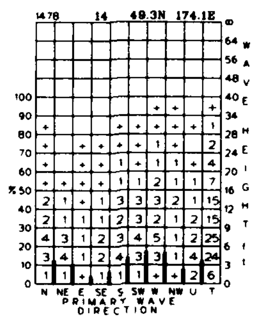


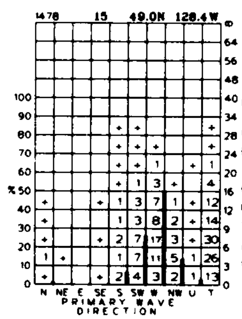


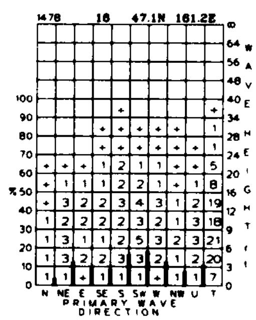


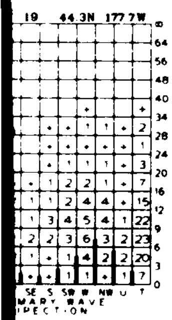


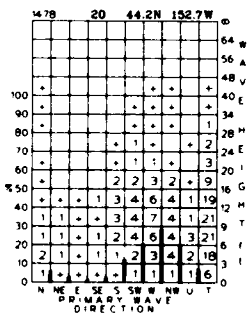


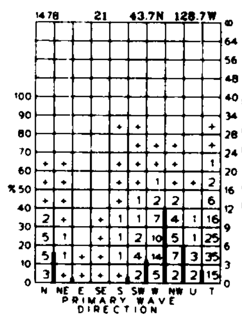


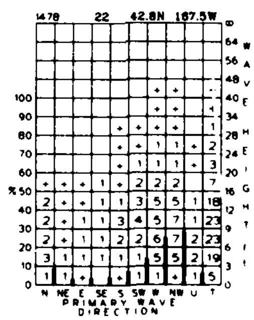


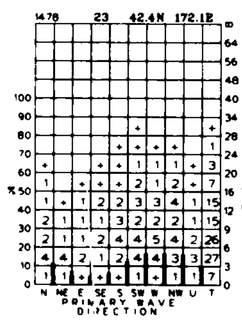


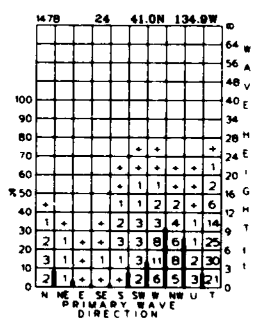


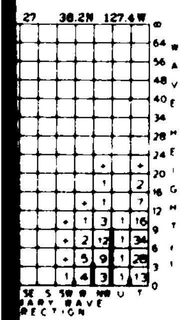


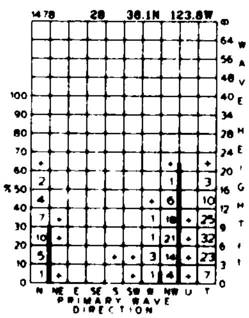


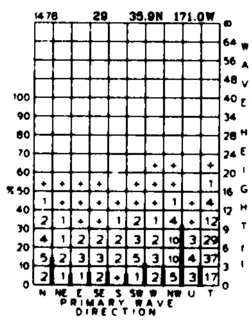


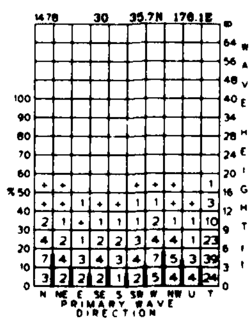


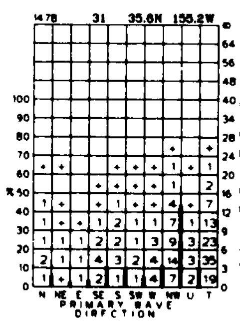


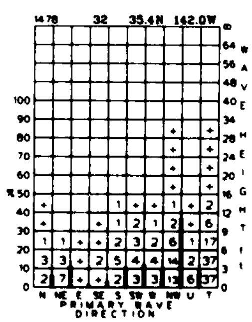




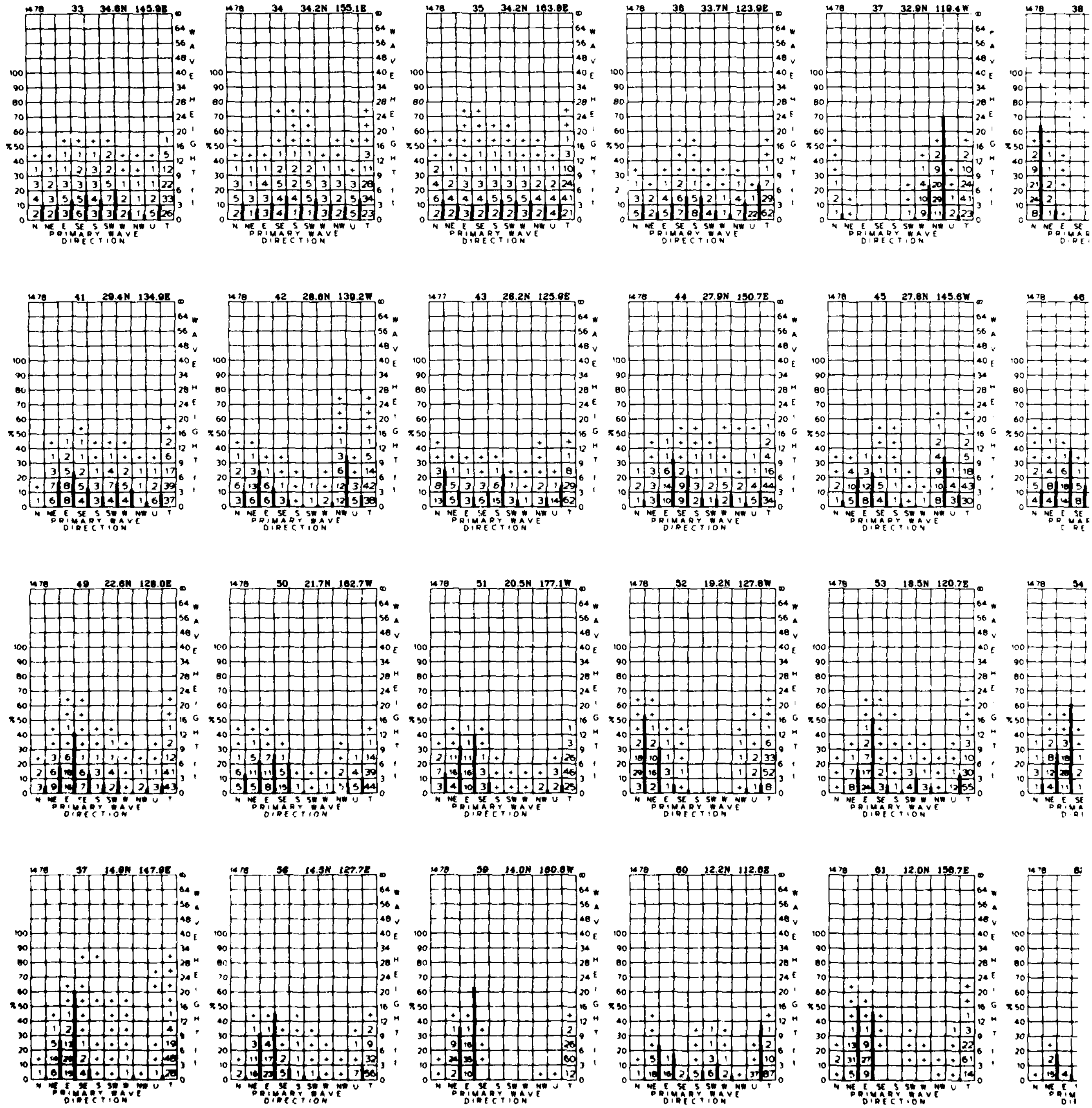








WAVE HEIGHT AND PRIMARY WAVE DIRECTION (Cont'd)



...ARY WAVE DIRECTION (Cont'd)

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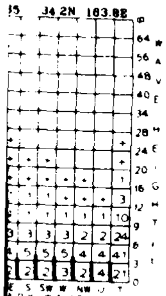
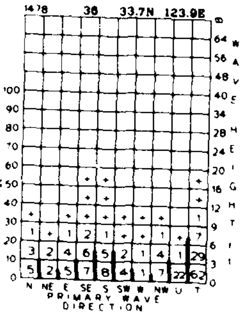
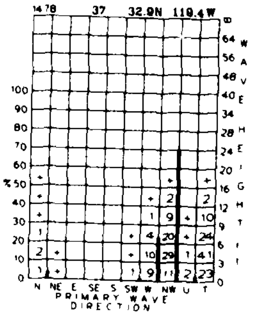
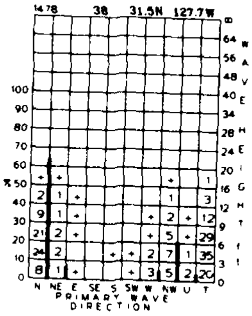
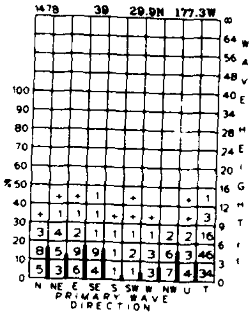
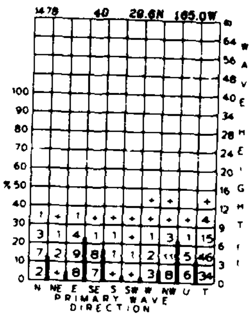


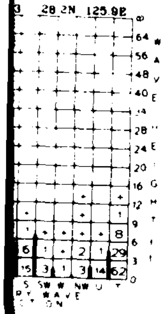


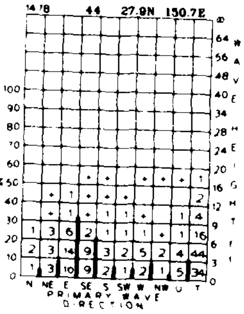


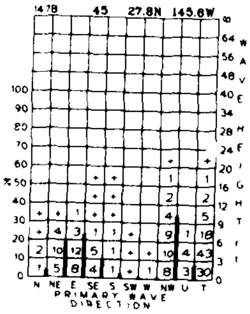


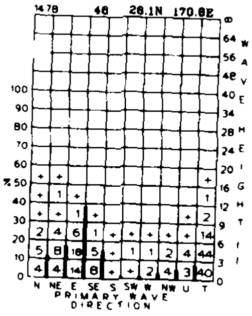


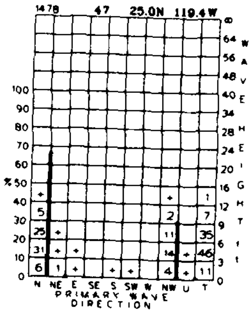


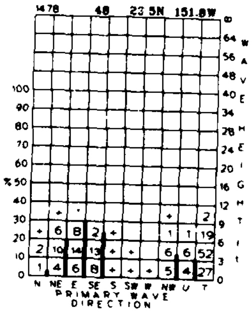


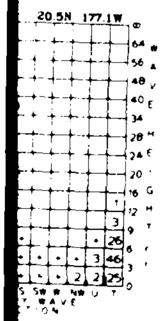


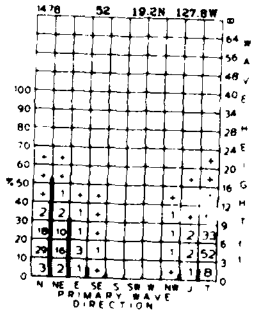


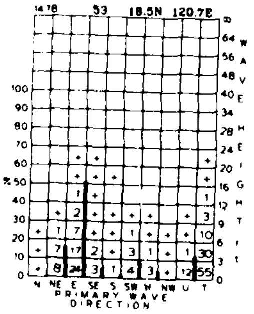


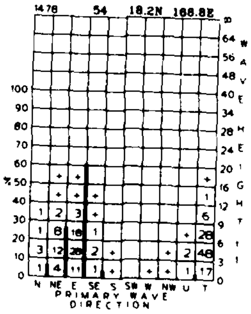


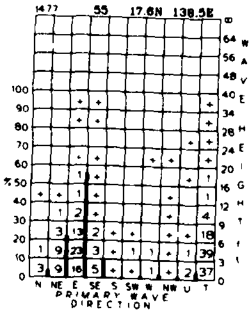


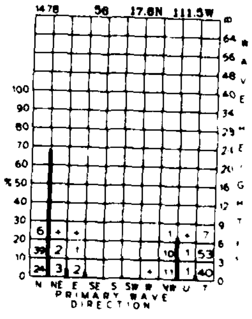


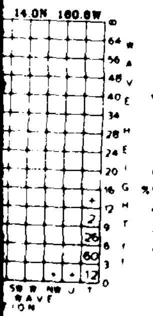


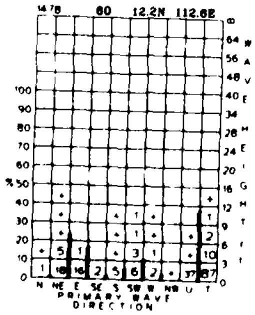


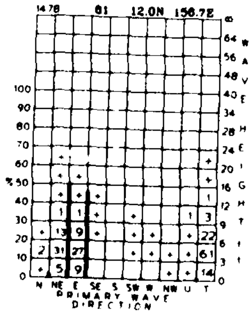


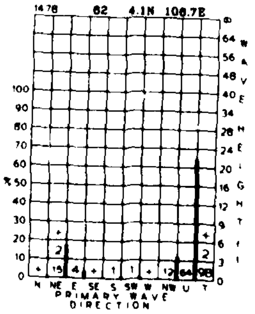


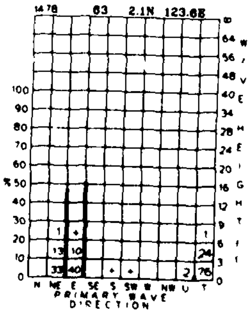






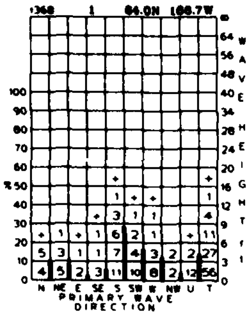
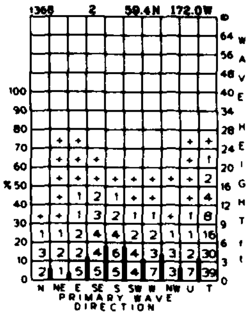
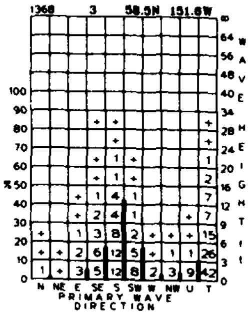
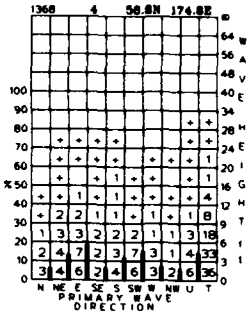
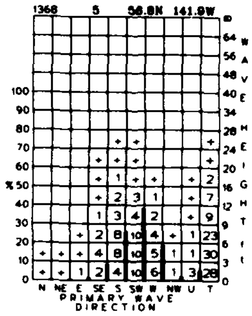
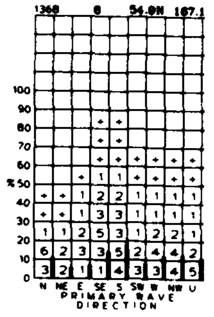
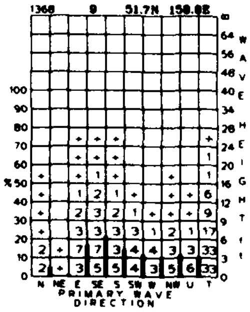
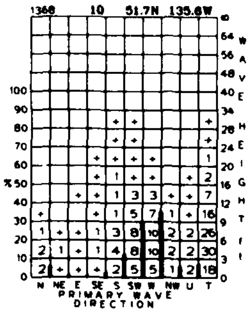
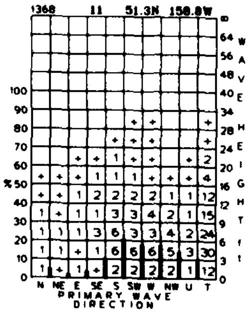
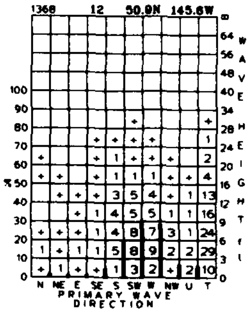
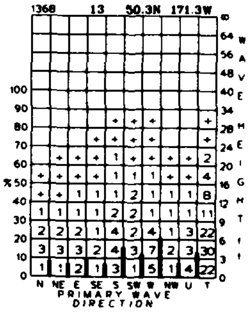
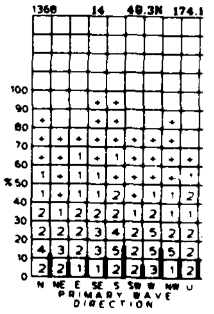
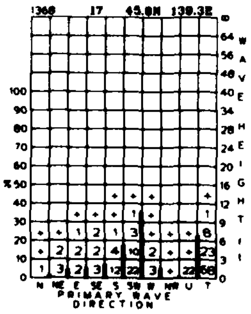
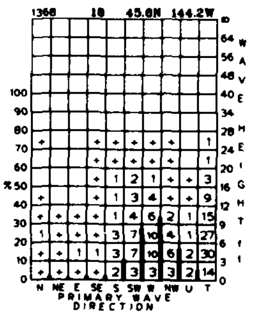
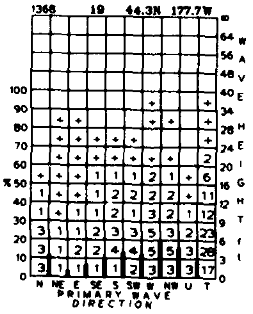
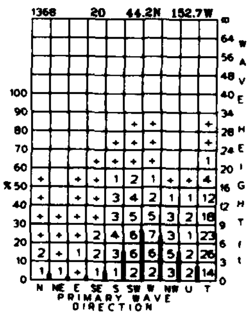
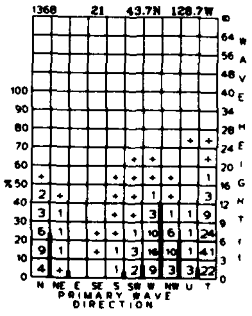
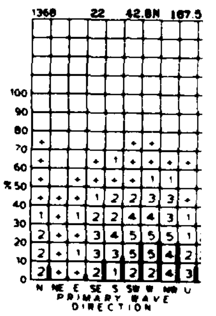
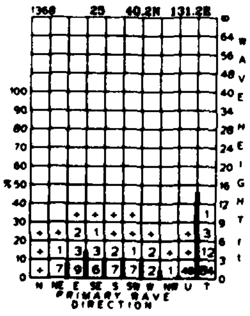
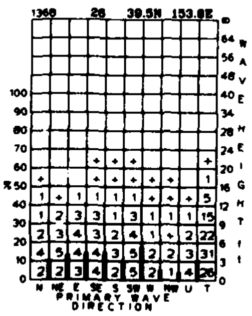
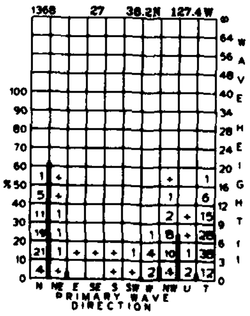
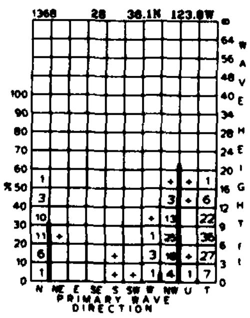
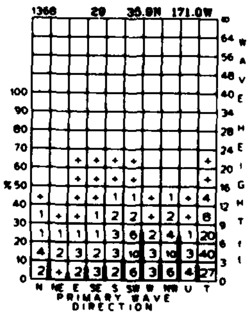
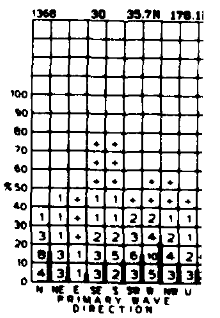




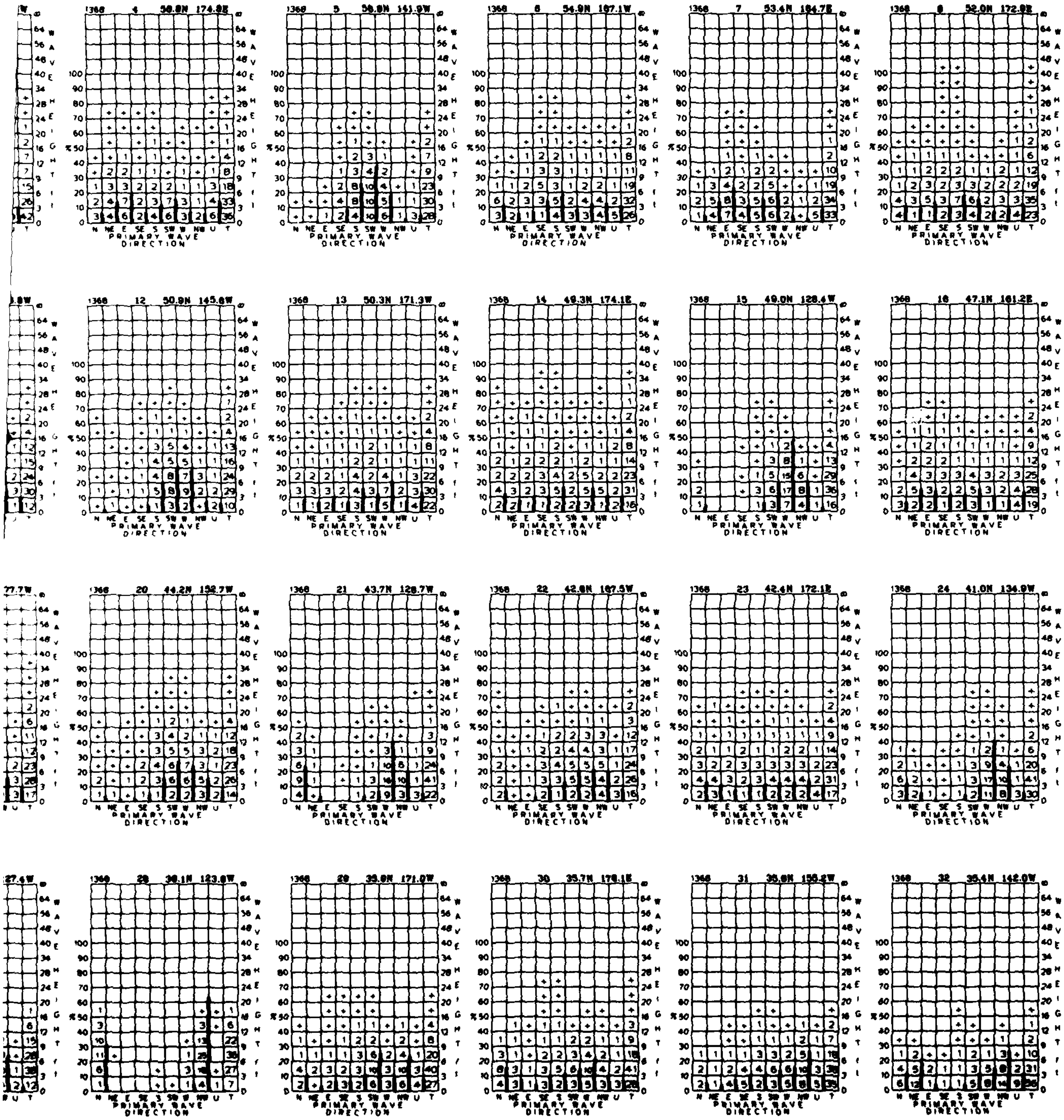


2

JUNE   WAVE HEIGHT AND PRIMA

WAVE HEIGHT AND PRIMARY WAVE DIRECTION



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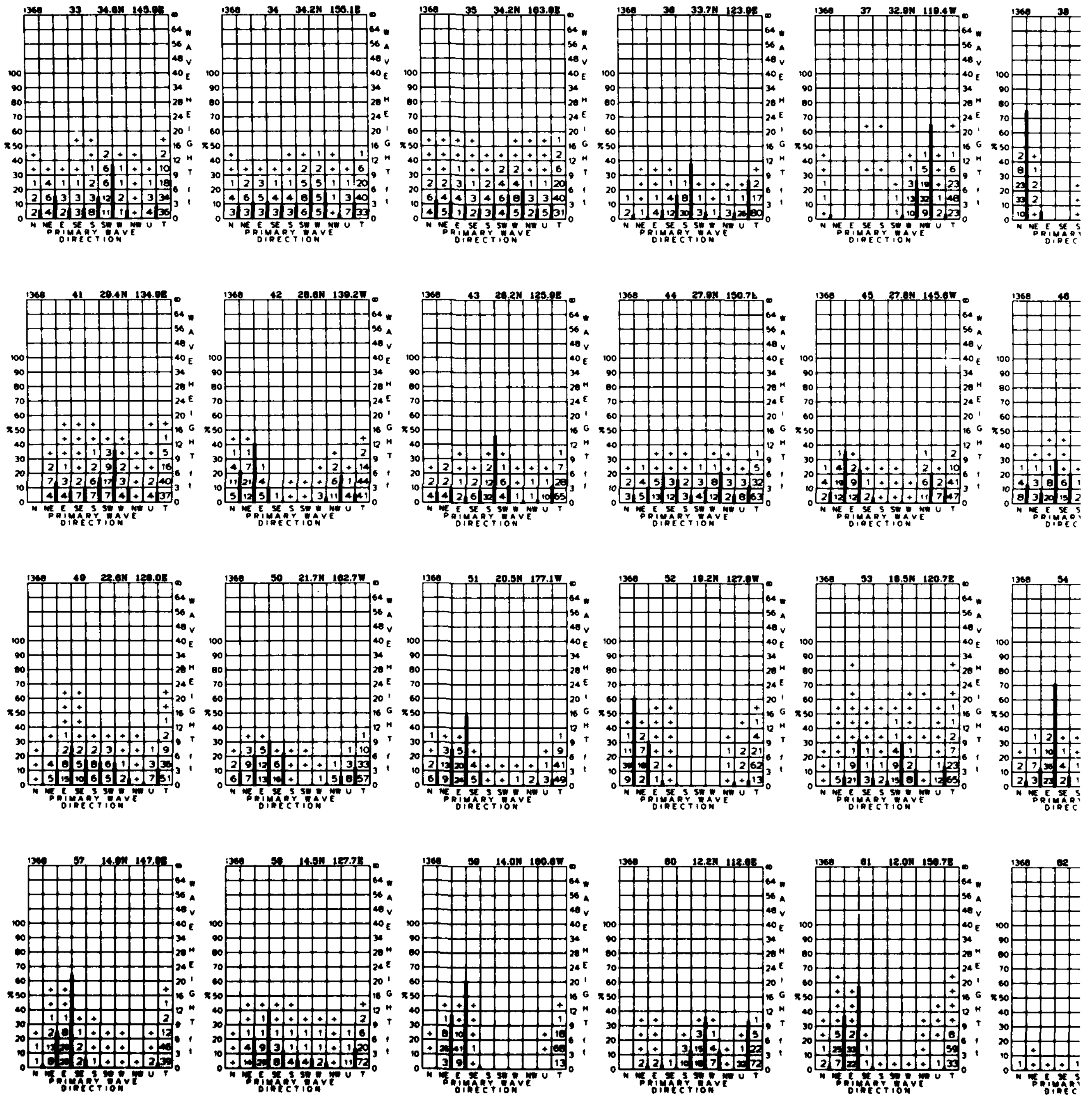
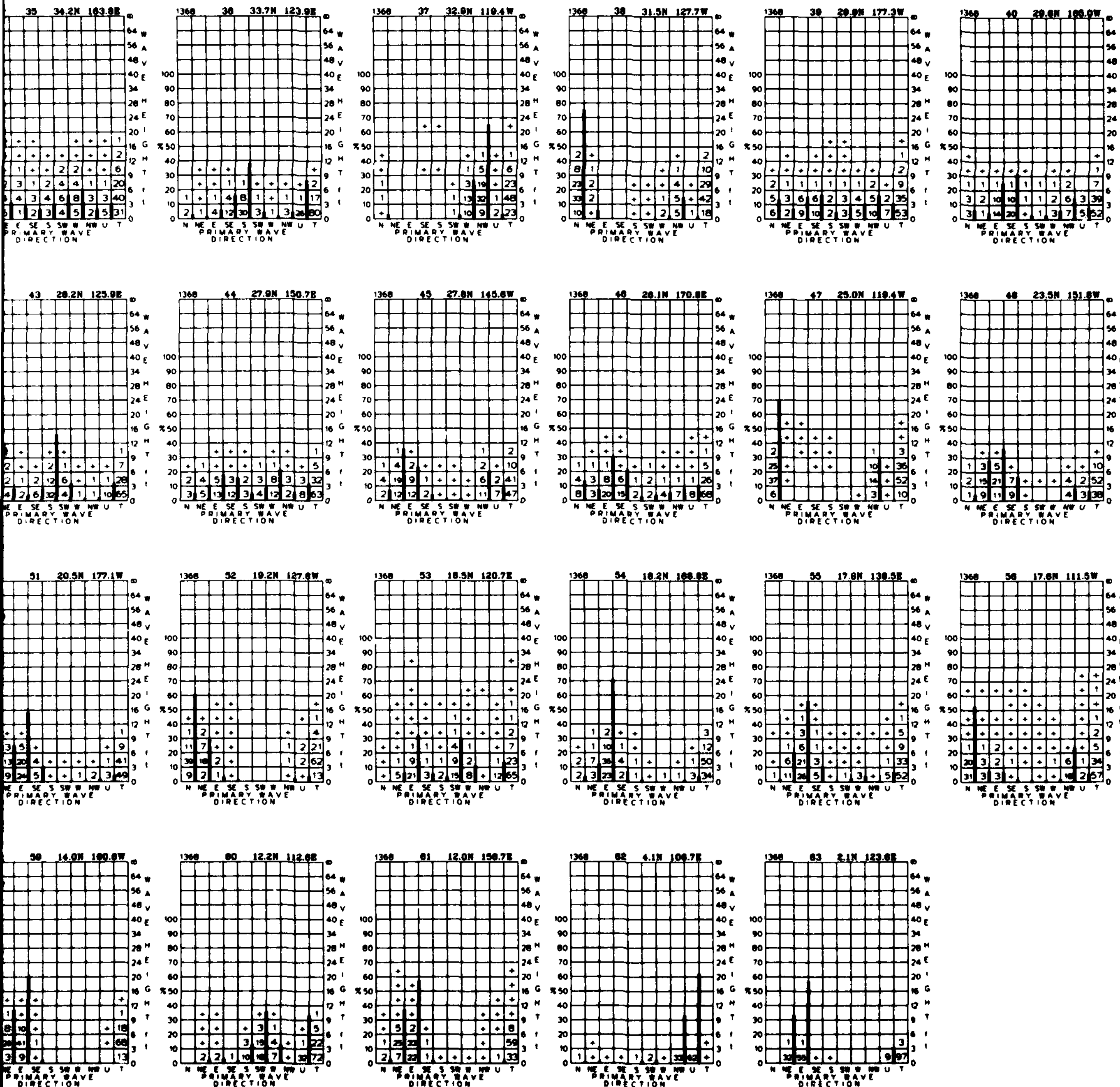
WAVE HEIGHT AND PRIMARY WAVE DIRECTION (Cont'd)



MARY WAVE DIRECTION (Cont'd)

JUNE



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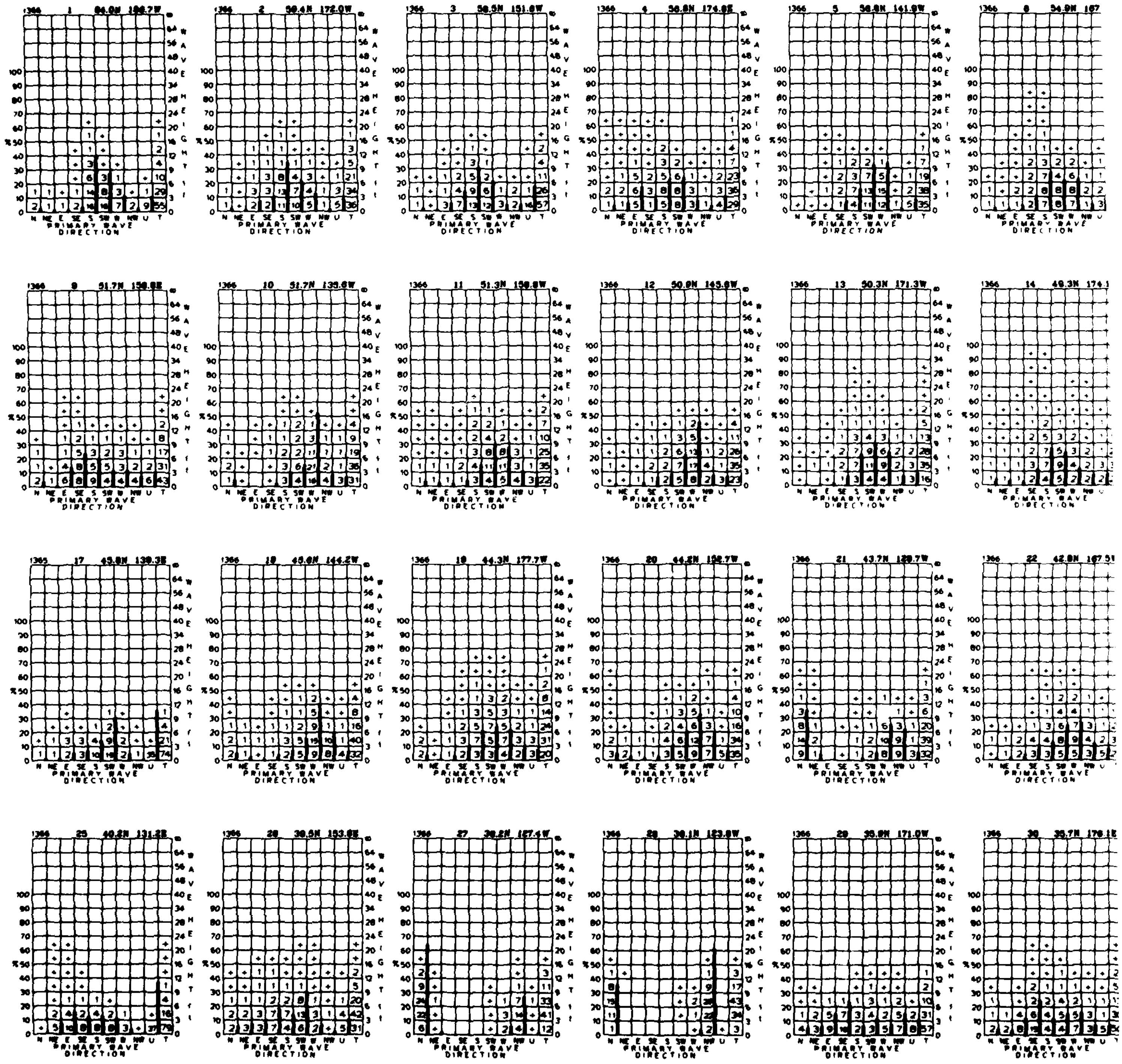
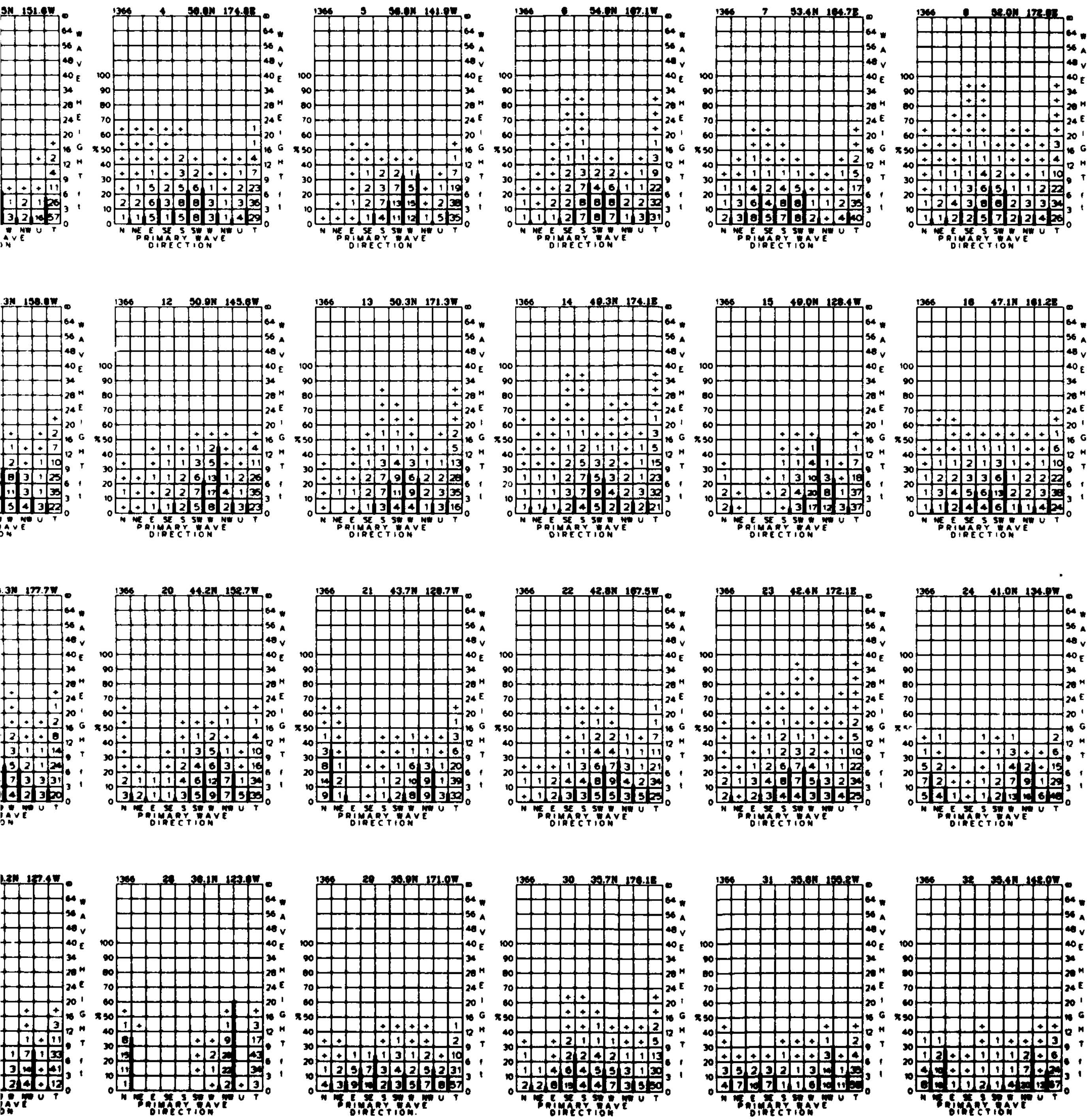
JULY

WAVE HEIGHT AND PRIM/



WAVE HEIGHT AND PRIMARY WAVE DIRECTION



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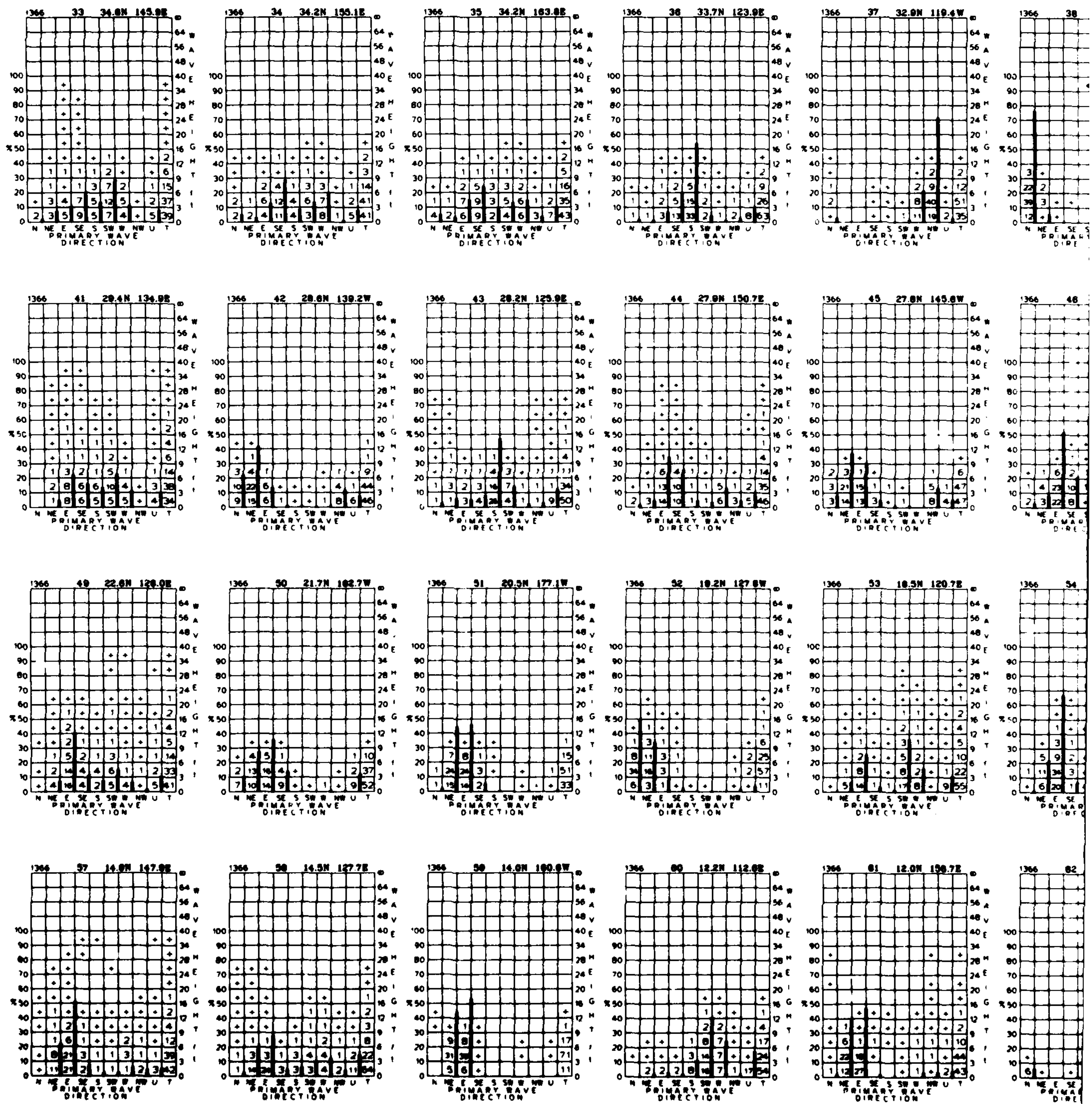
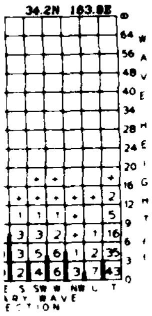
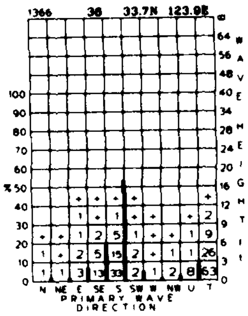
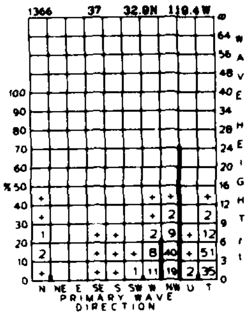


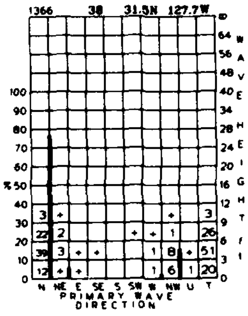
ARY WAVE DIRECTION (Cont'd)

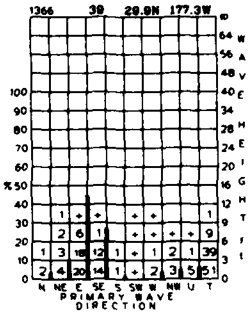
JULY

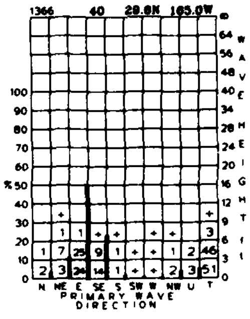


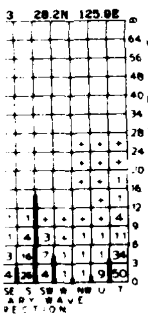


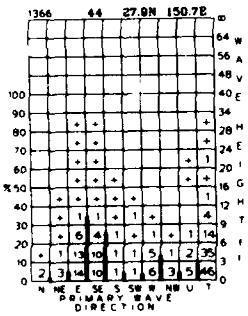


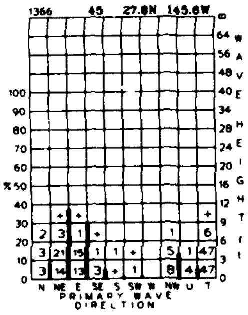


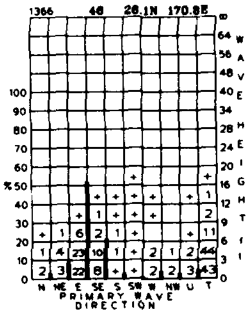


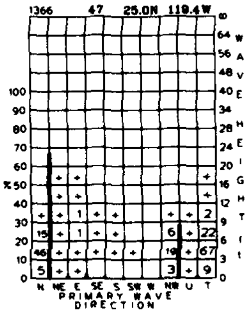


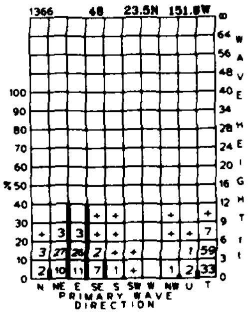


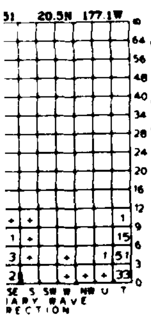


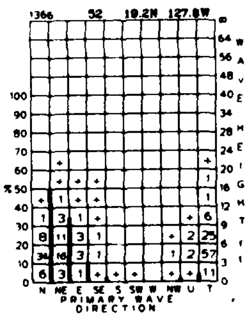


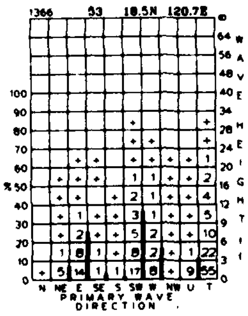


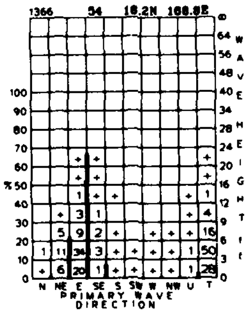


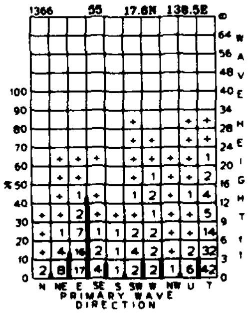


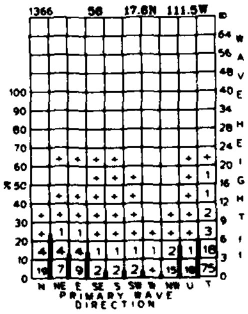


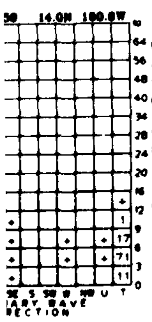


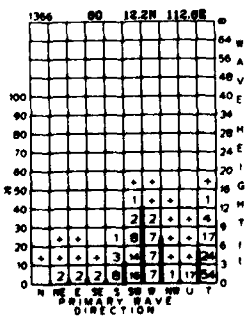


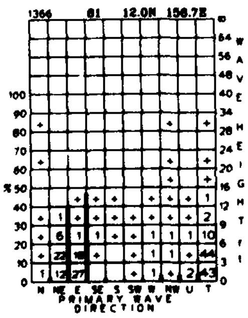


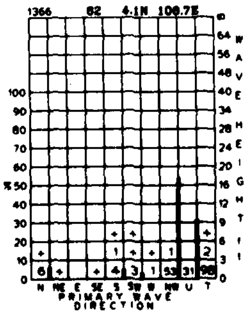


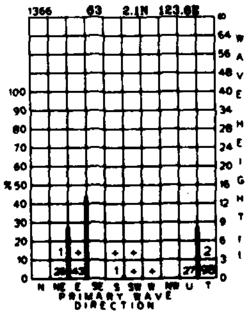








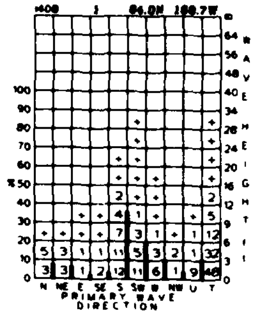
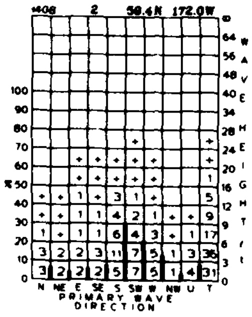
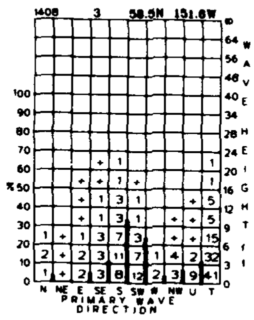
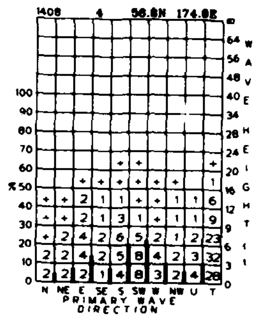
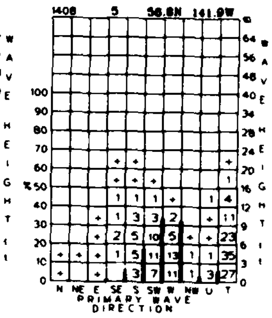
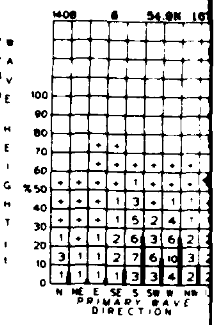
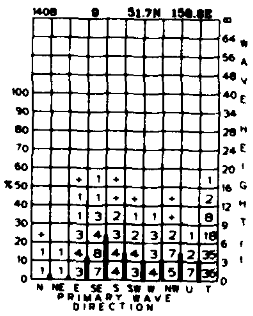
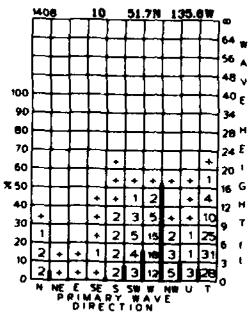
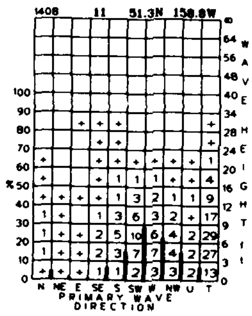
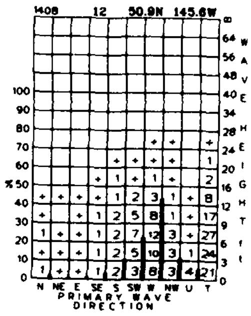
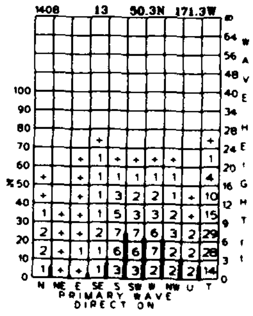
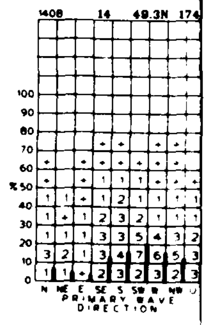
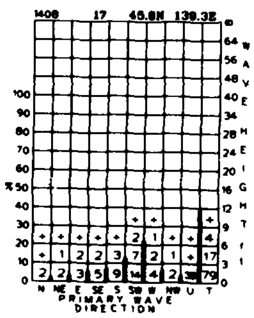
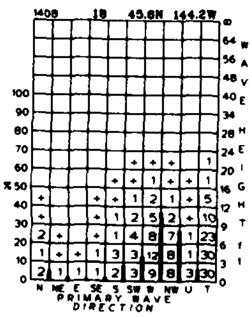
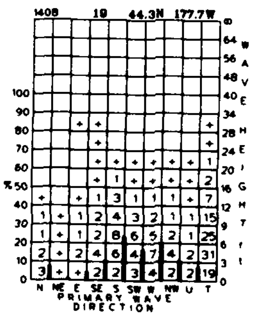
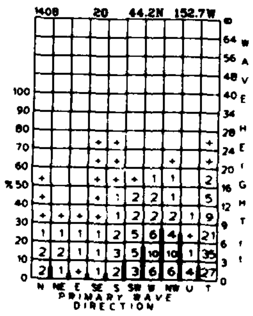
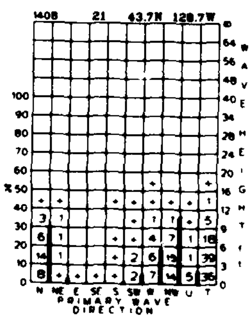
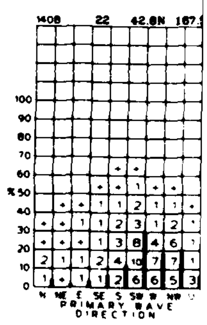
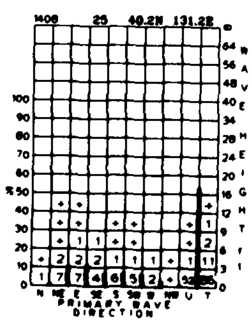
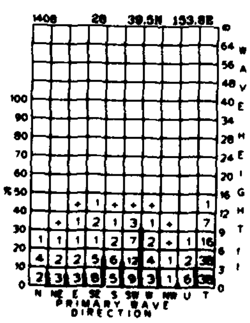
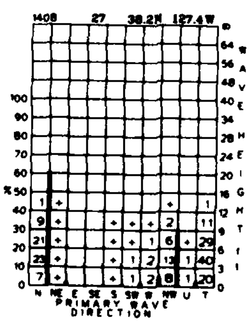
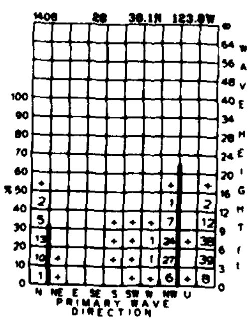
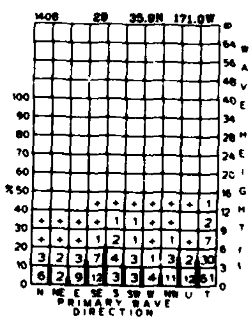
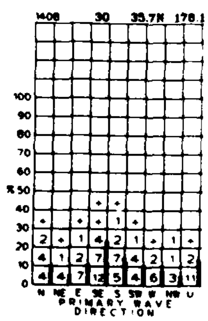




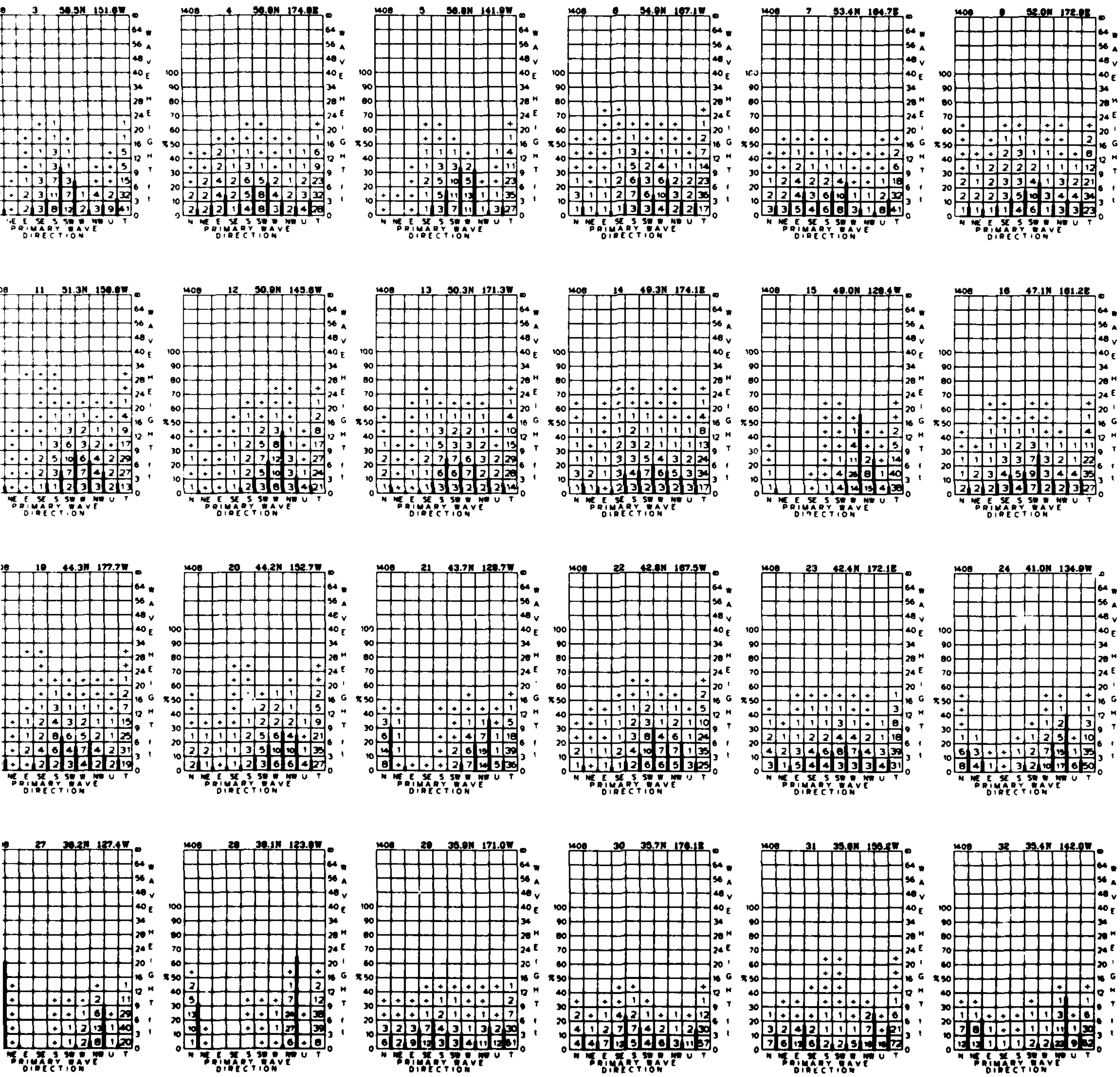
2

AUGUST

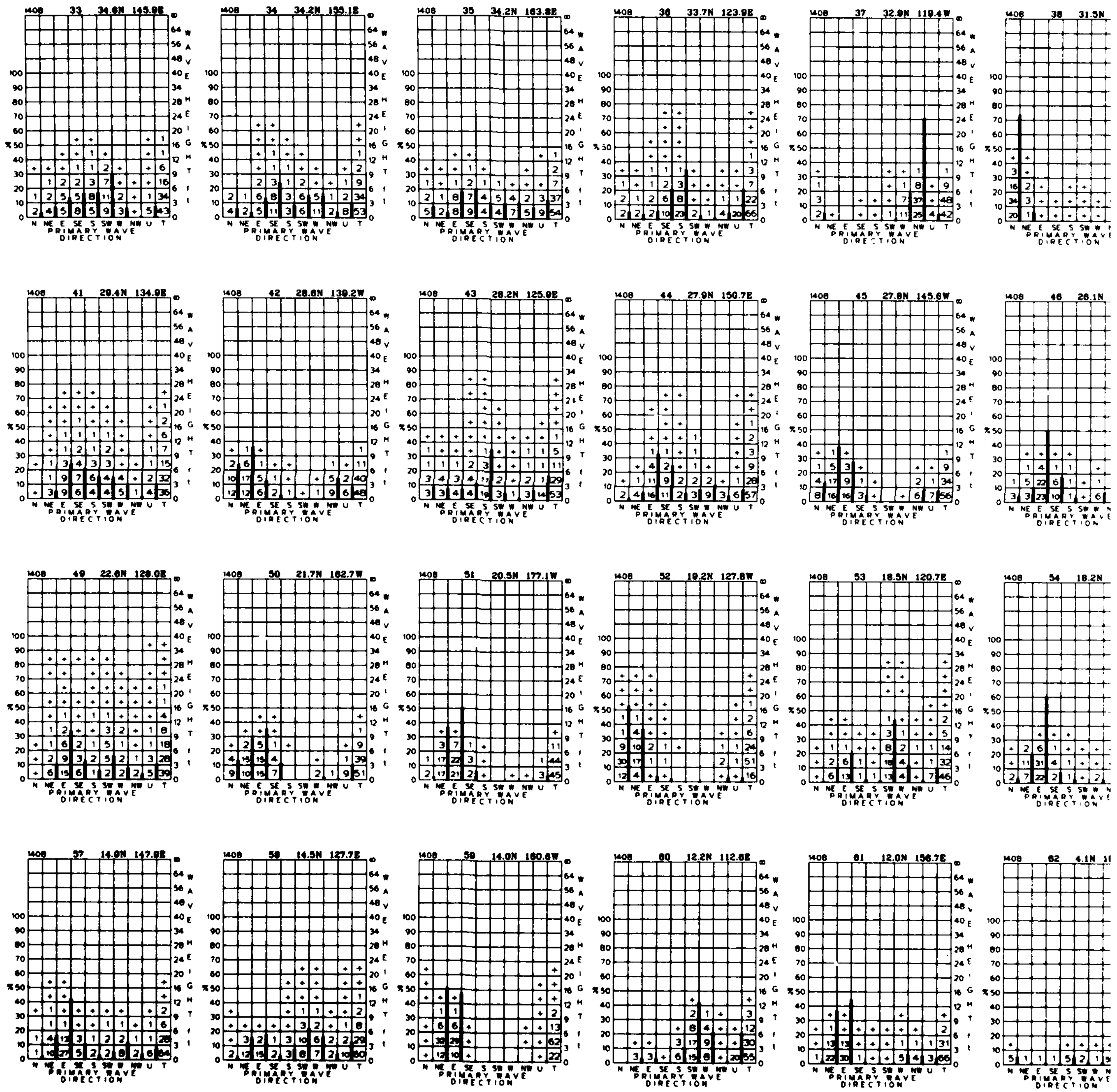
WAVE HEIGHT AND PRIM

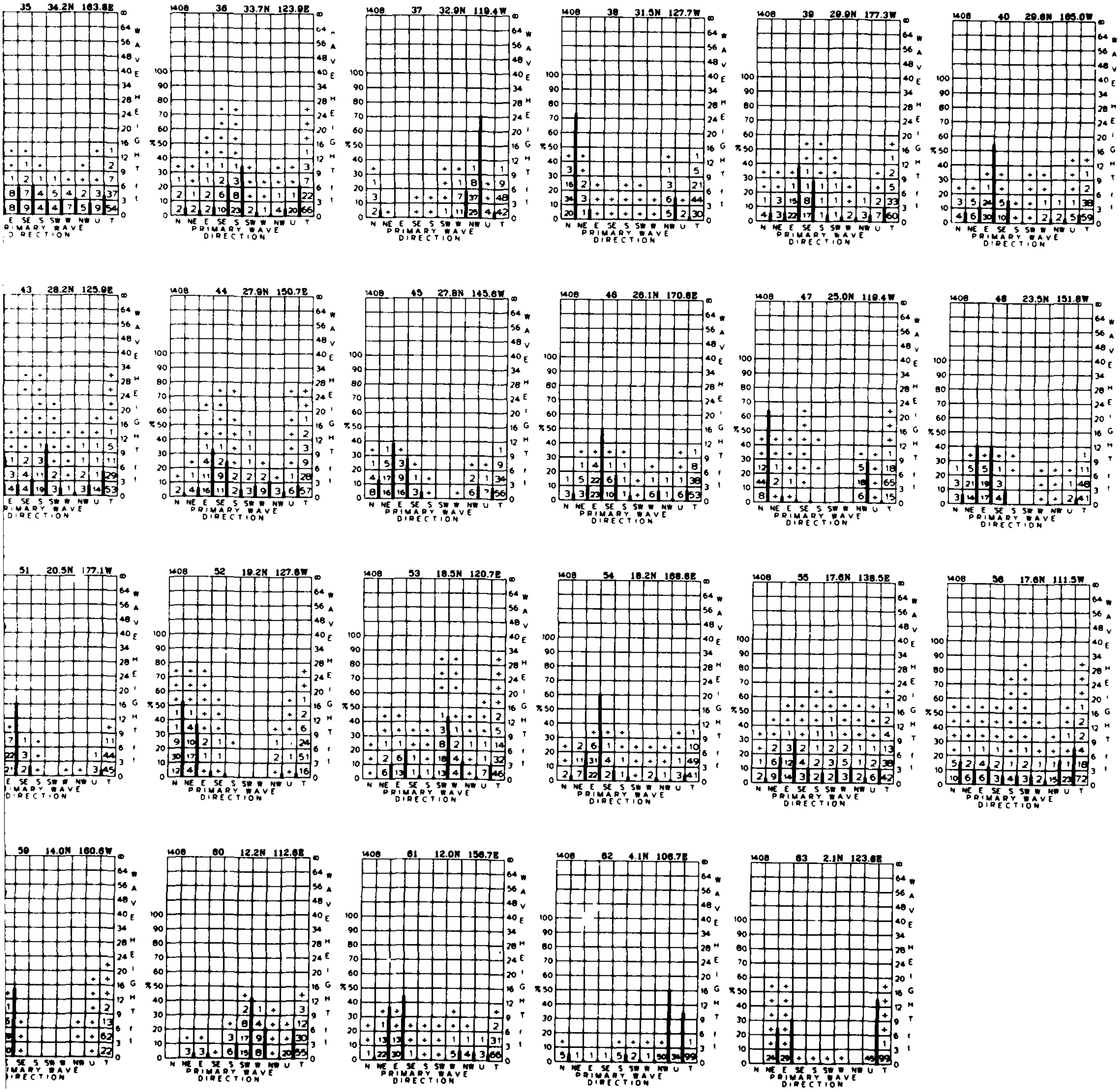
WAVE HEIGHT AND PRIMARY WAVE DIRECTION



WAVE HEIGHT AND PRIMARY WAVE DIRECTION (Cont'd)



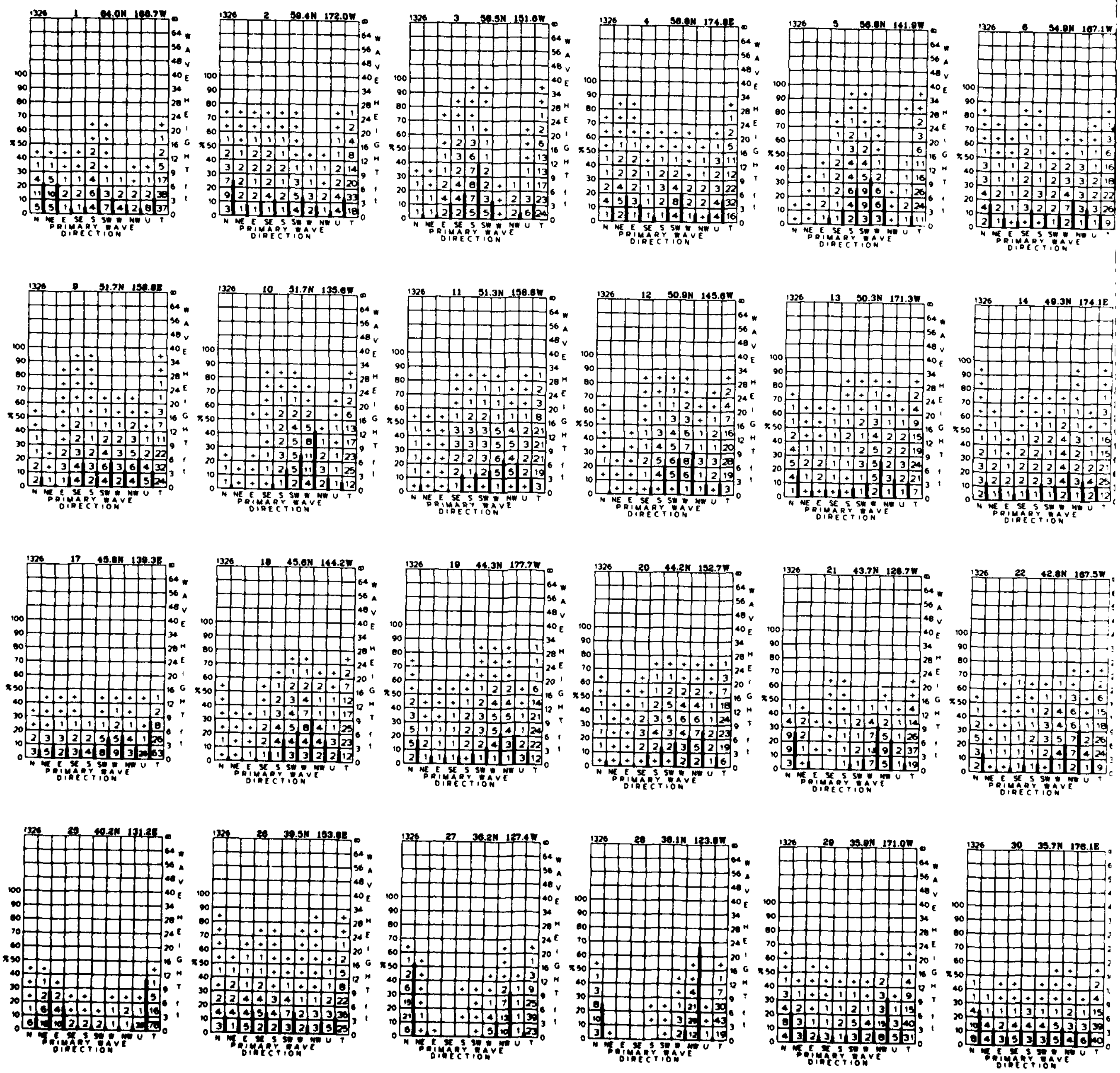
MARY WAVE DIRECTION (Cont'd) AUGUST



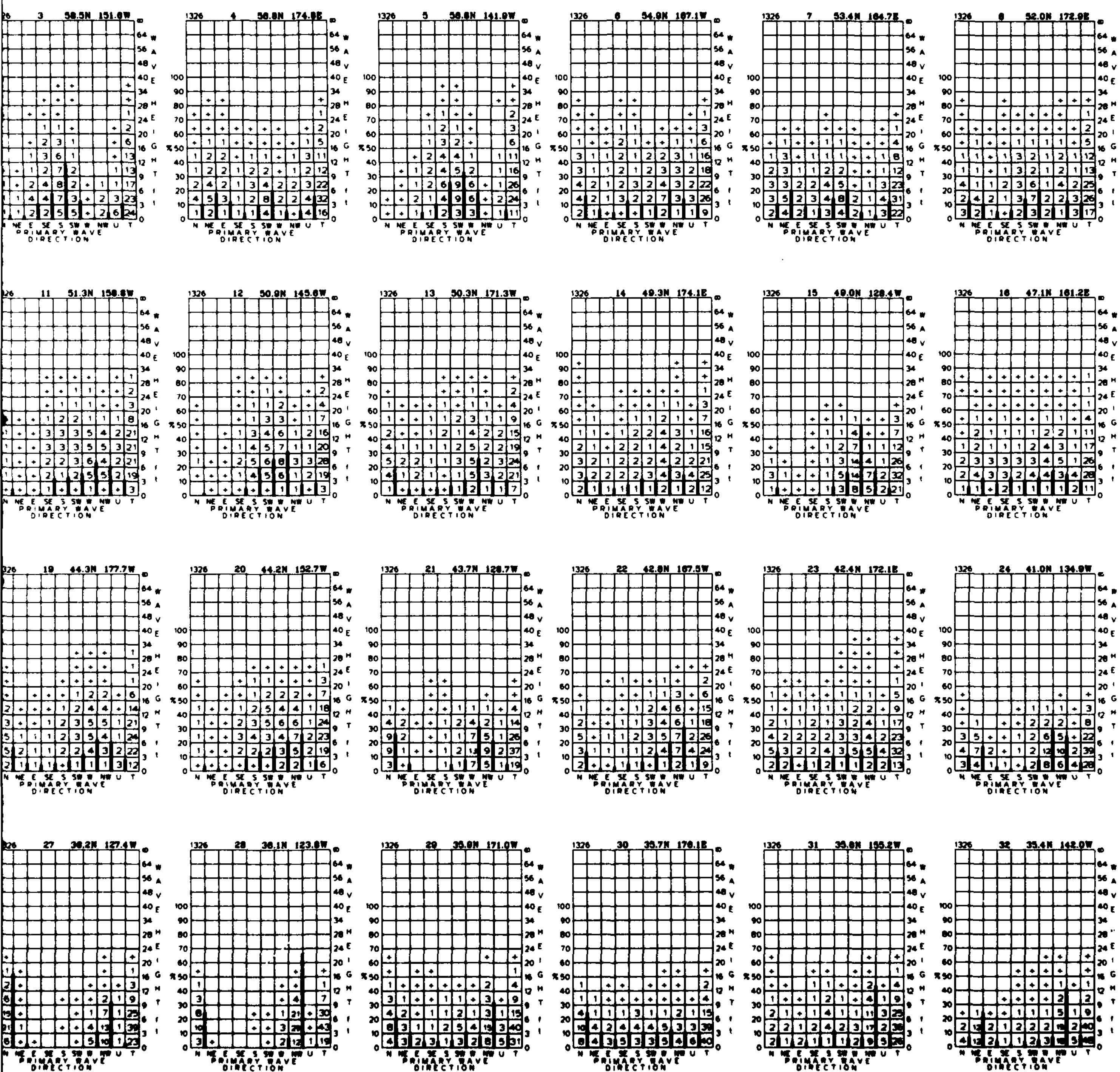
2

SEPTEMBER

WAVE HEIGHT AND PRIMA



WAVE HEIGHT AND PRIMARY WAVE DIRECTION



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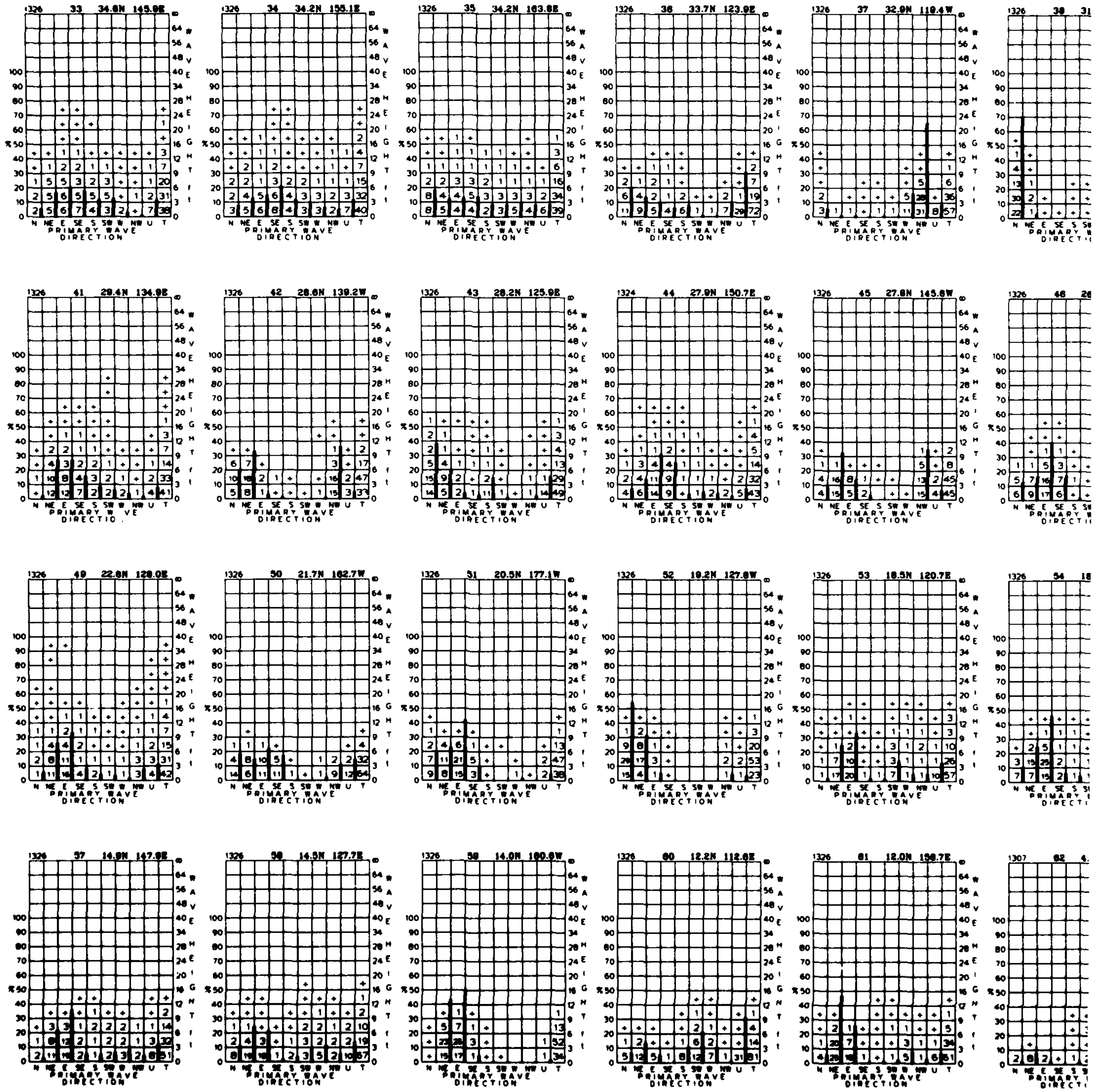
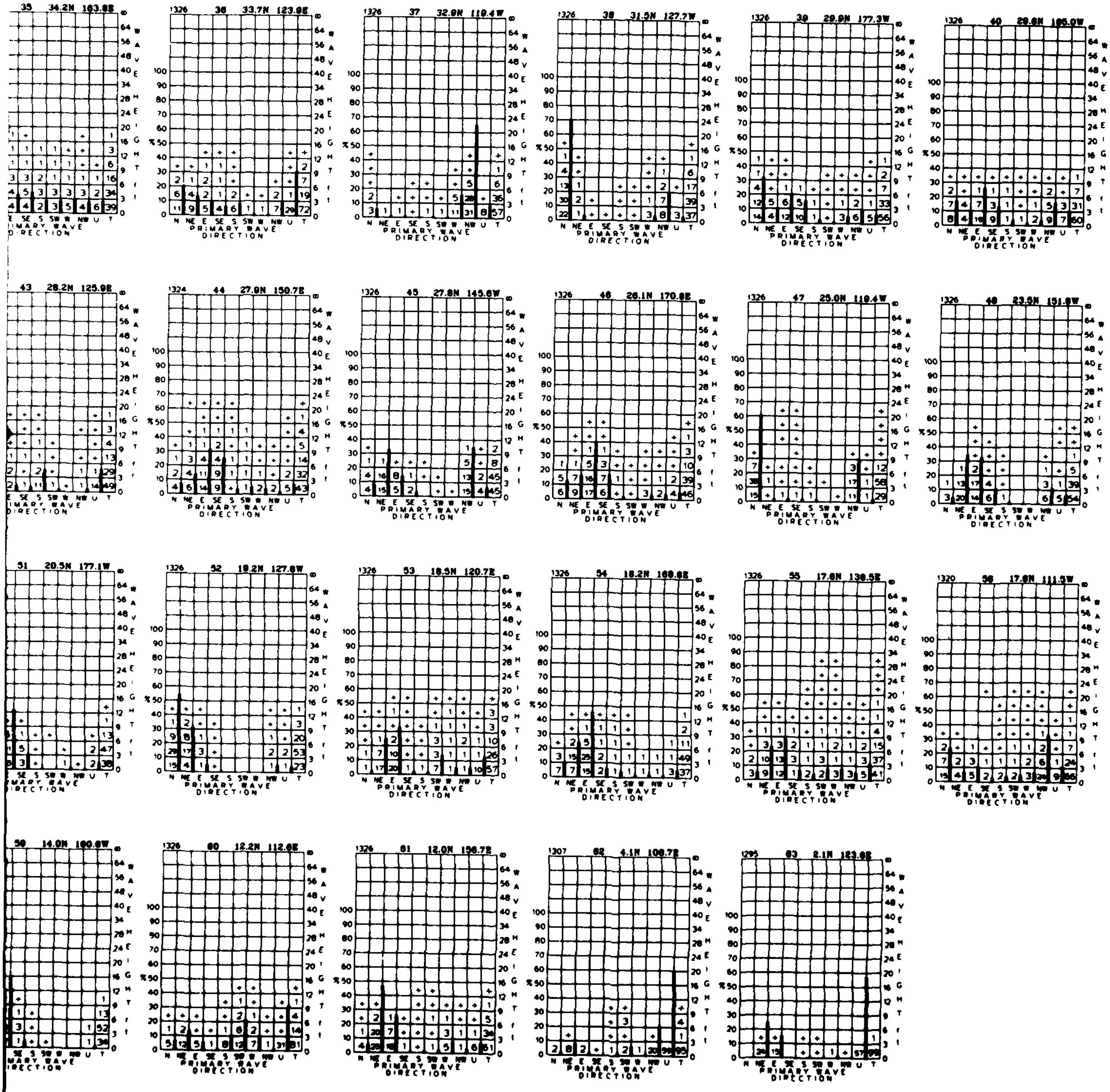
WAVE HEIGHT AND PRIMARY WAVE DIRECTION (Cont'd)



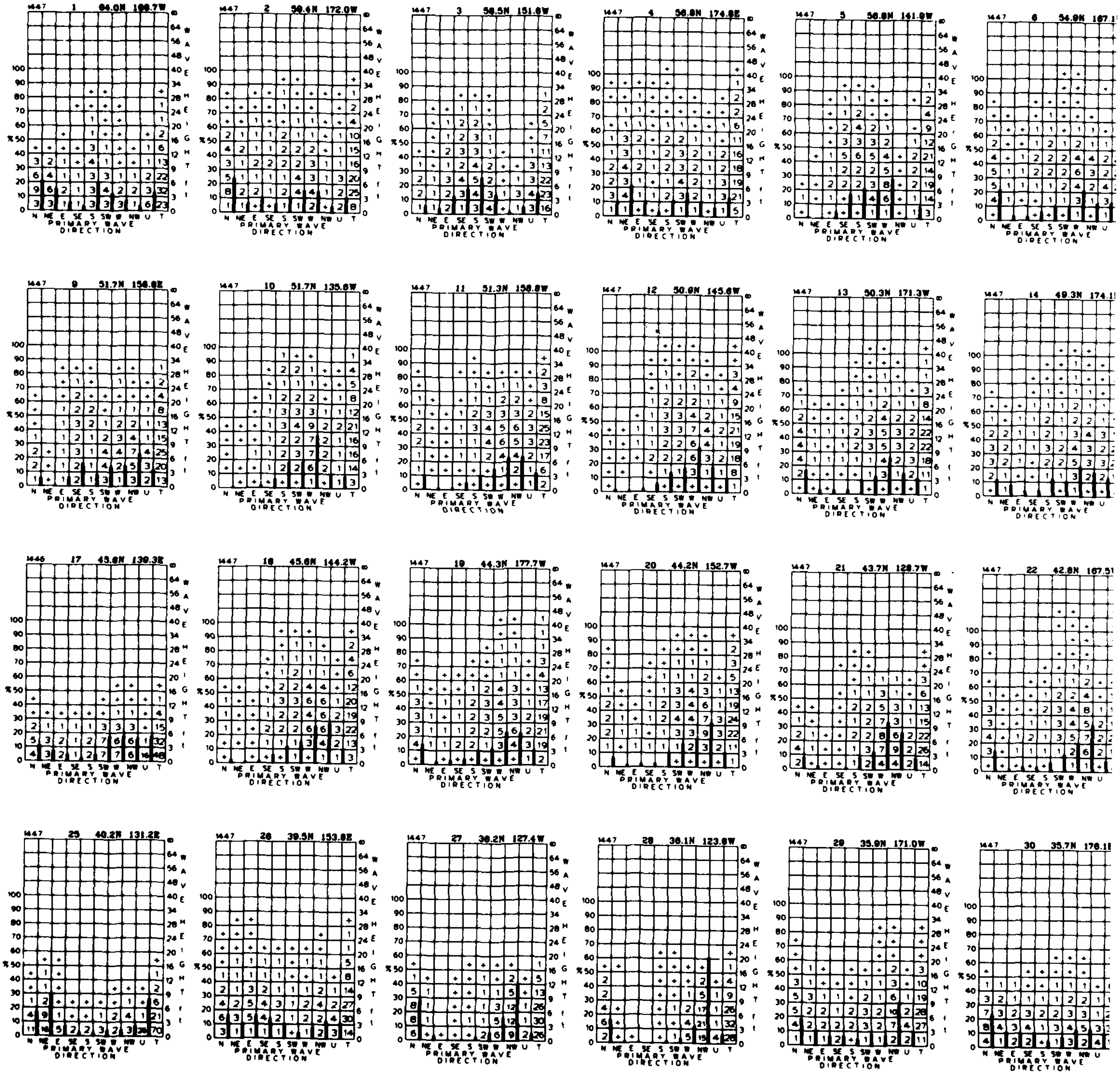
MARY WAVE DIRECTION (Cont'd)

SEPTEMBER

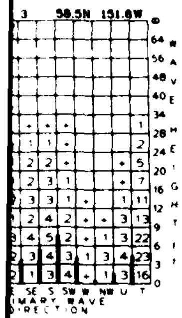


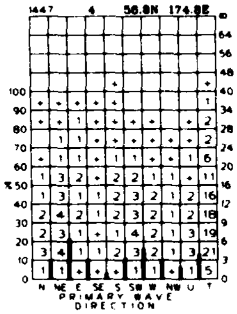
OCTOBER

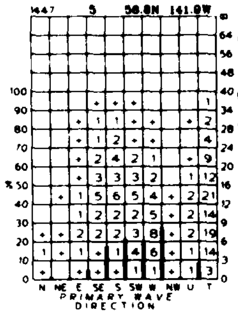
WAVE HEIGHT AND PRIMA

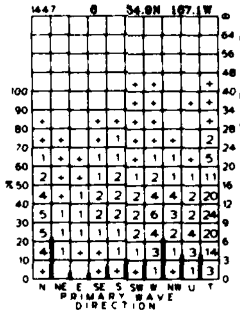


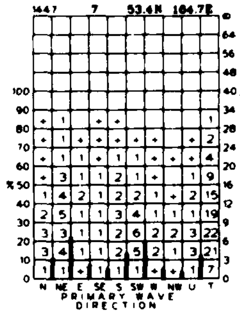
WAVE HEIGHT AND PRIMARY WAVE DIRECTION

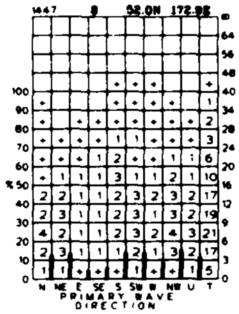


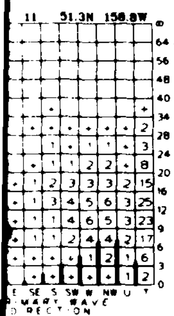


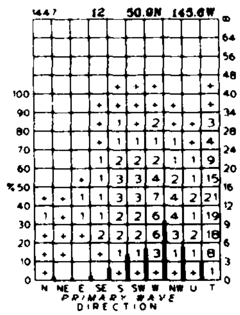


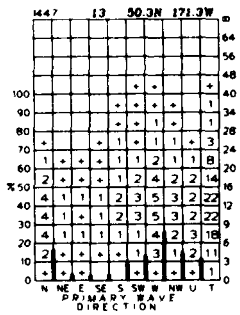


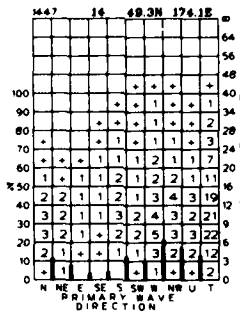


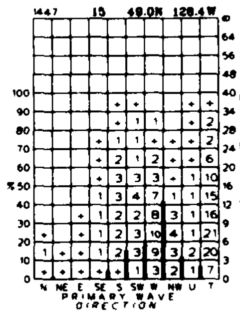


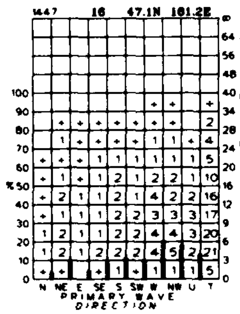


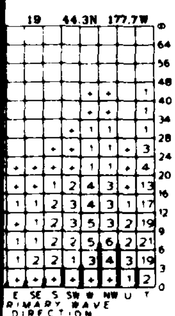


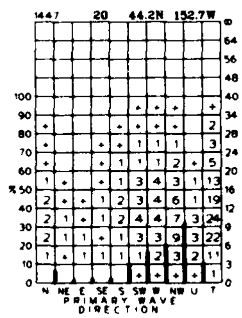


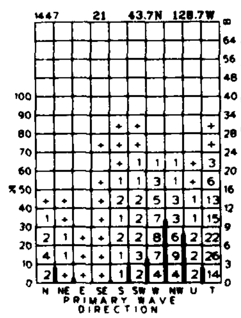


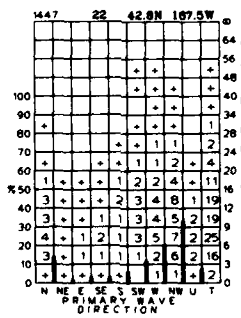


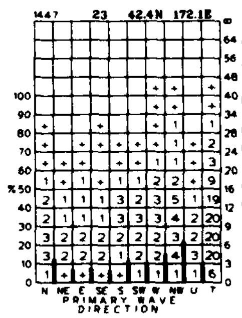


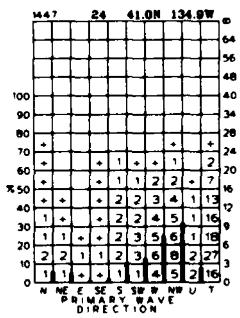


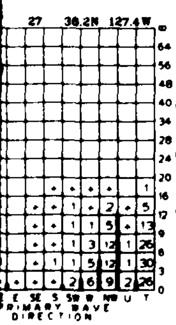


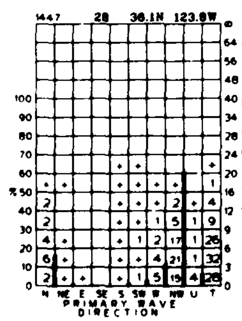


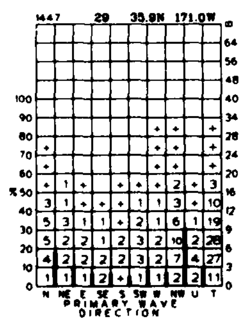


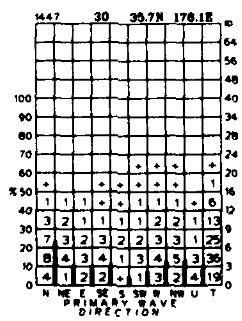


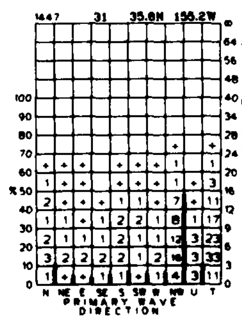


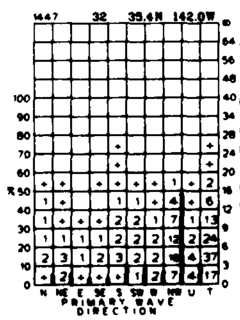




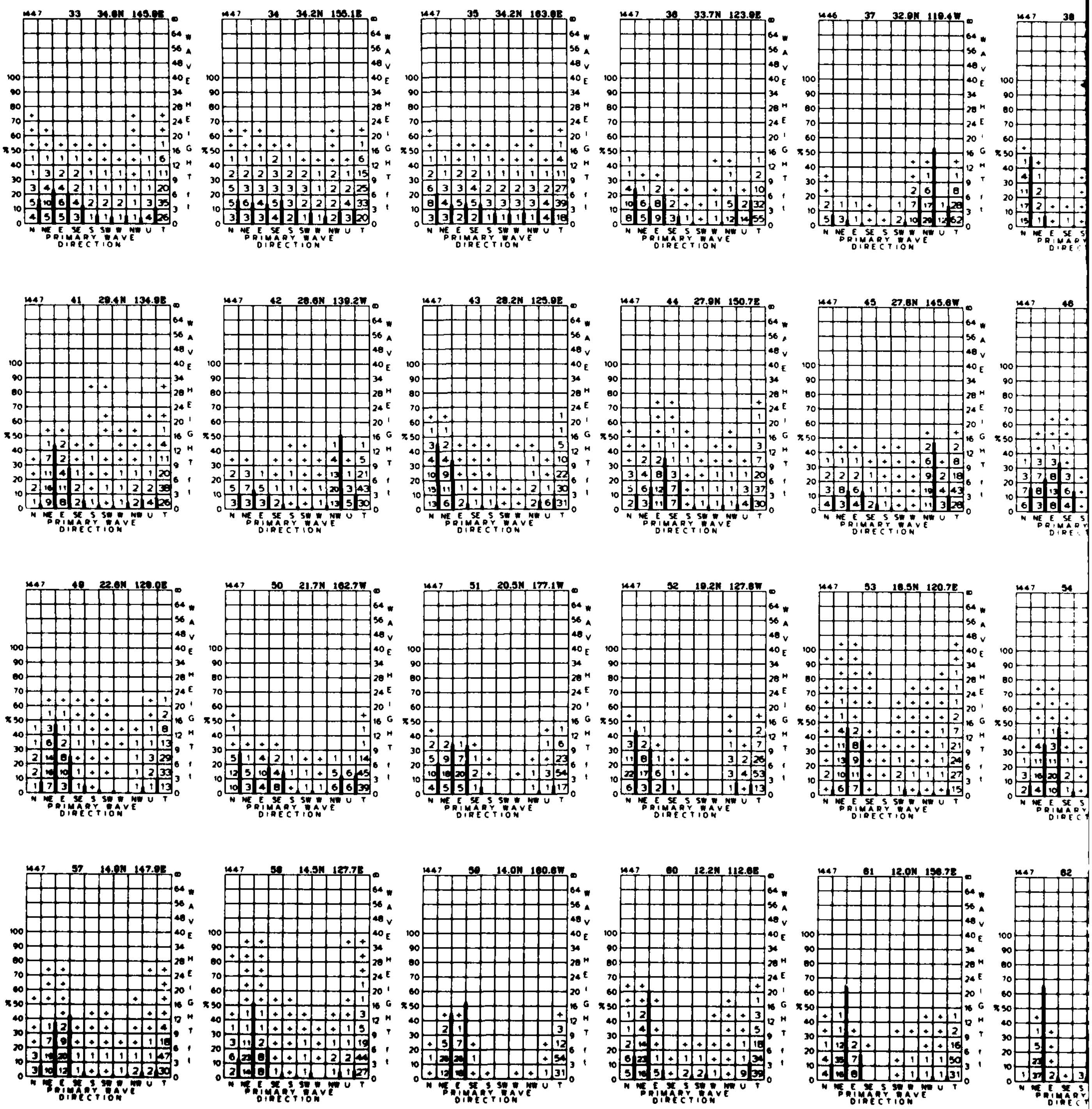




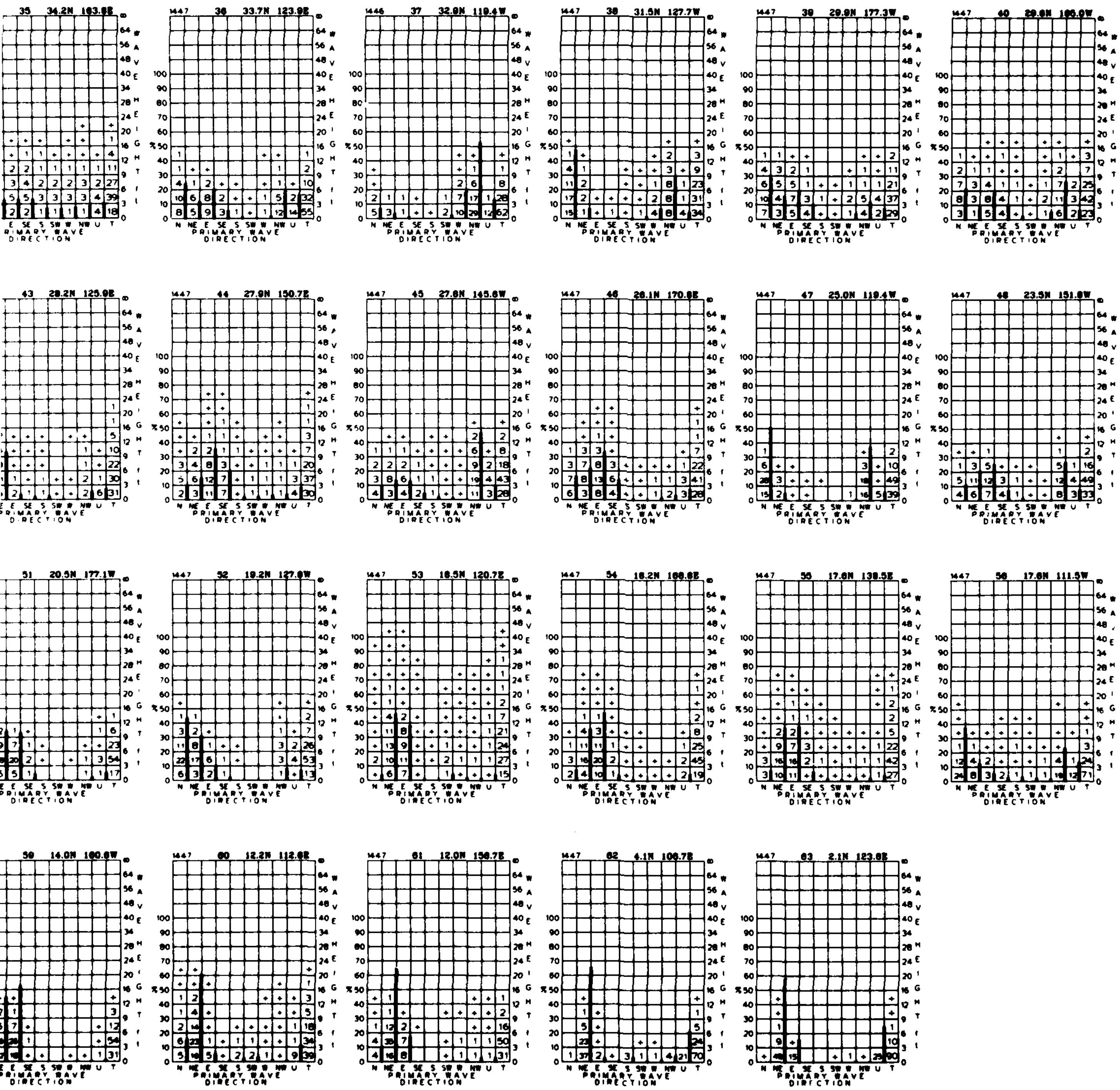




WAVE HEIGHT AND PRIMARY WAVE DIRECTION (Cont'd)

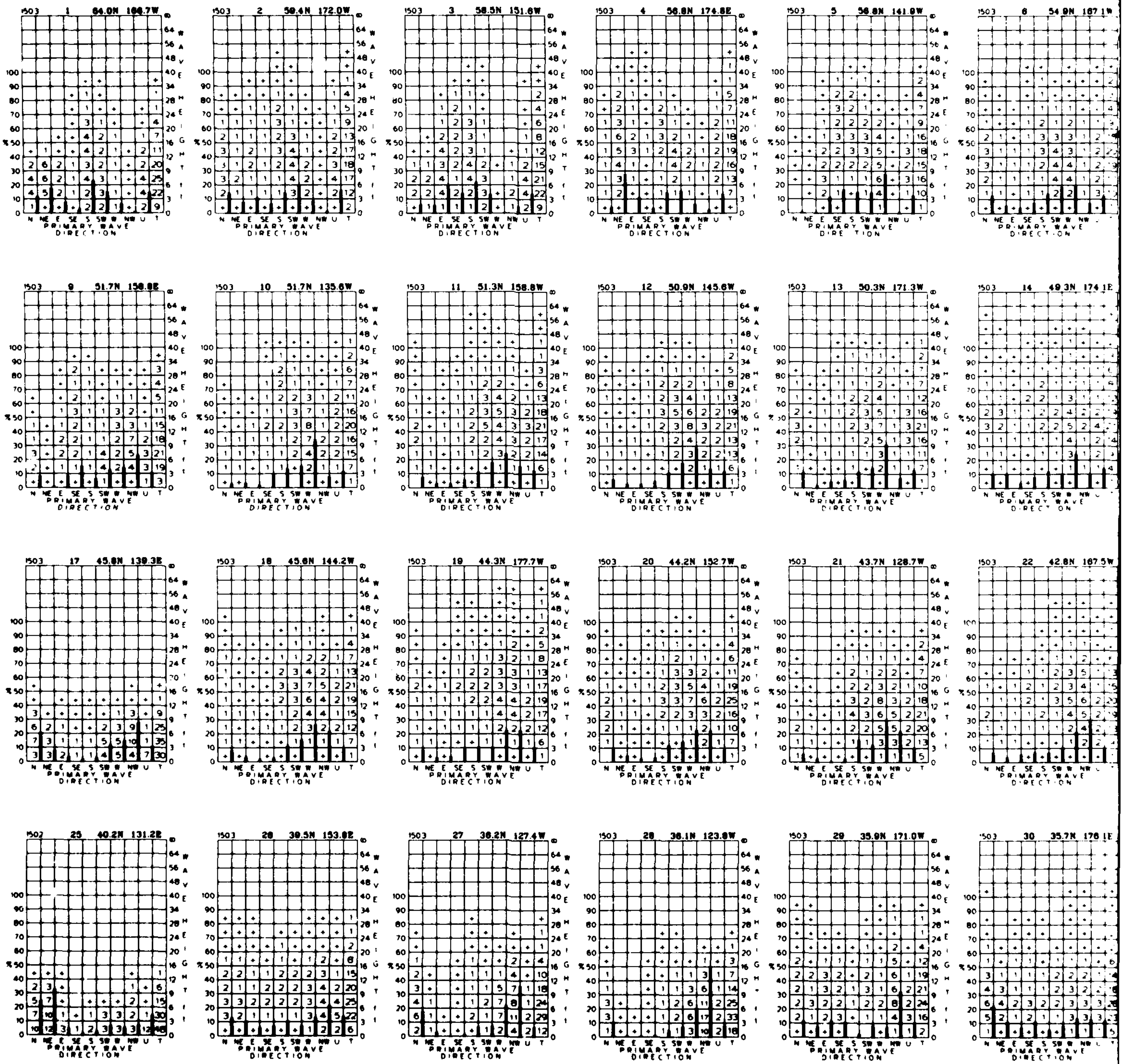


MARY WAVE DIRECTION (Cont'd) OCTOBER

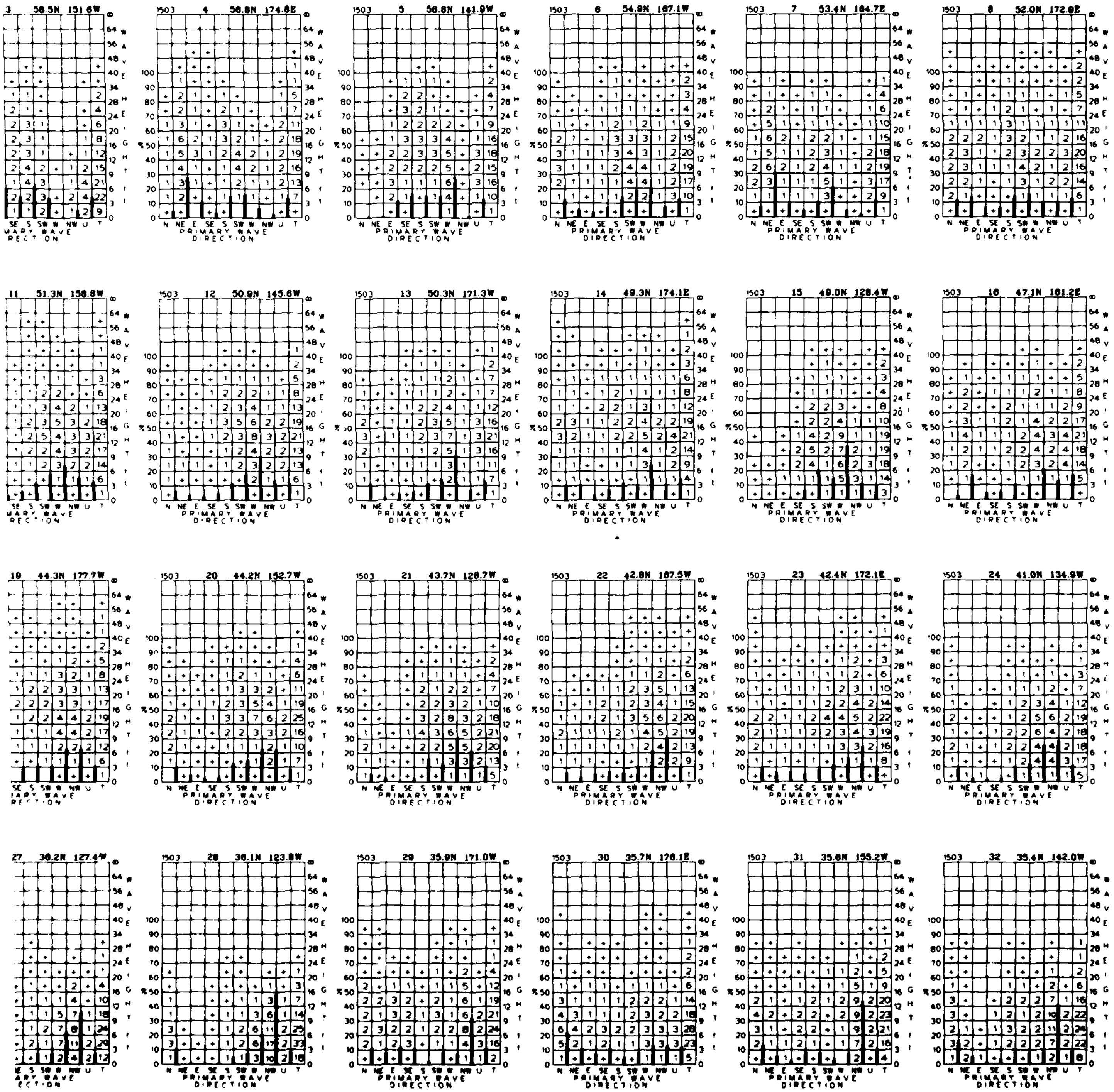


2

NOVEMBER WAVE HEIGHT AND PRIMAR



WAVE HEIGHT AND PRIMARY WAVE DIRECTION



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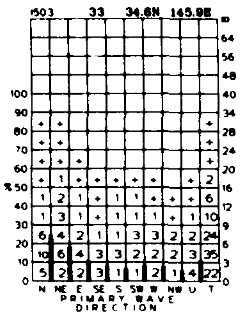
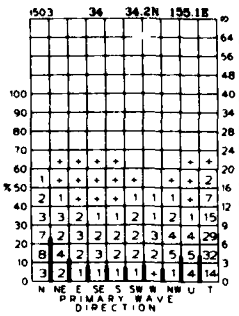
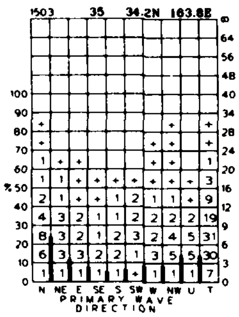
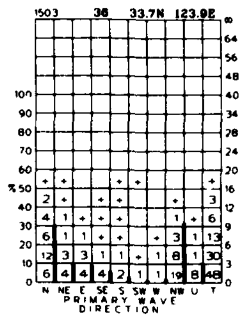
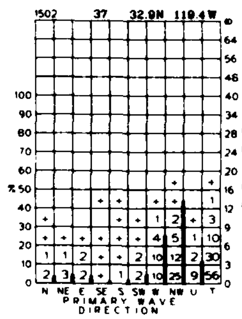
WAVE HEIGHT AND PRIMARY WAVE DIRECTION (Cont'd)

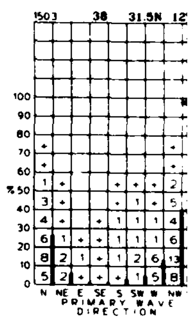


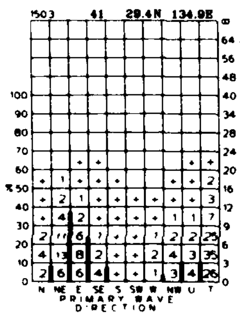


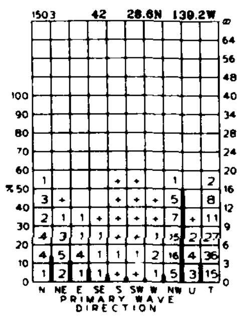


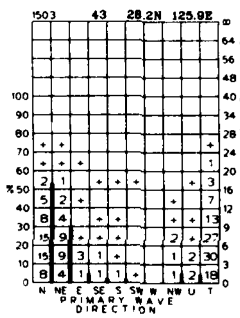


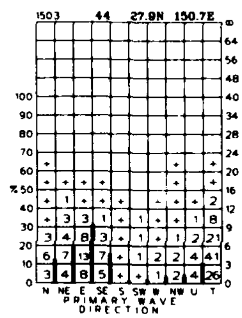


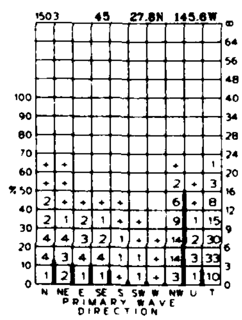


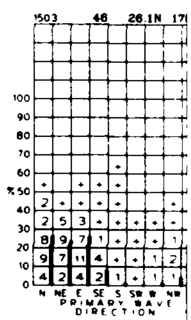


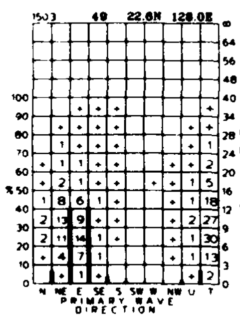


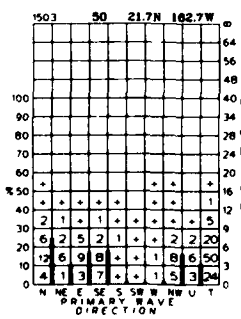


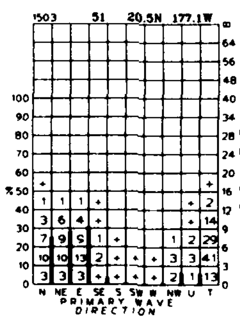


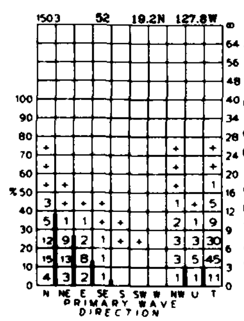


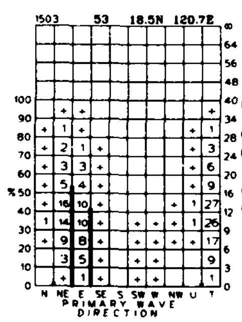


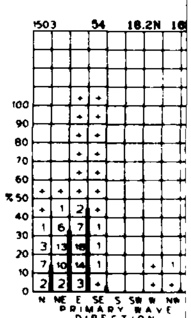


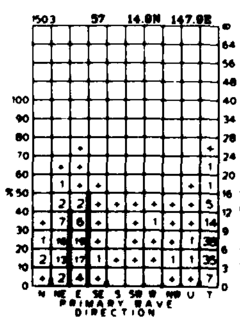


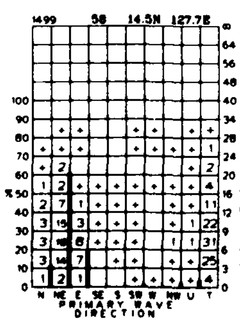


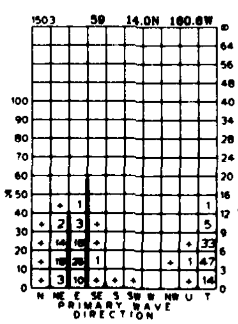


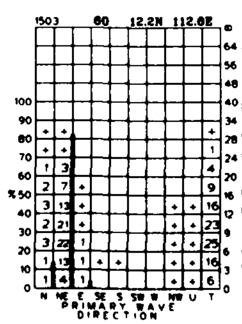


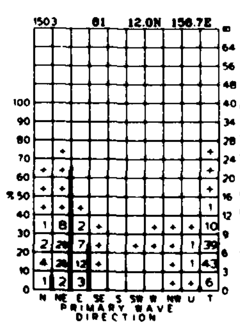


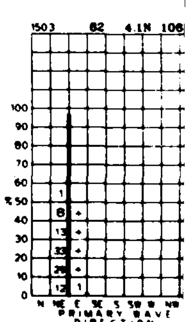




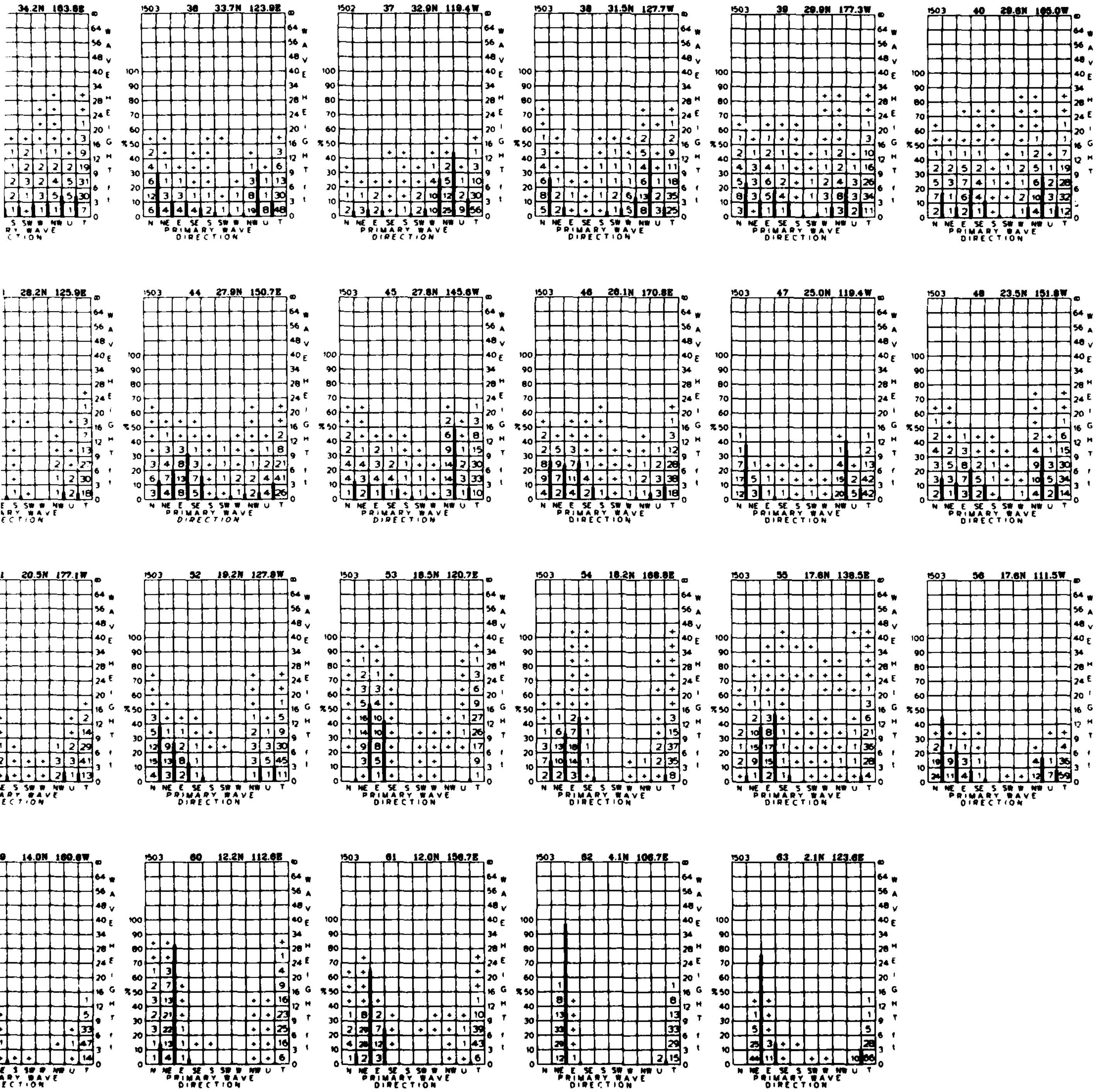








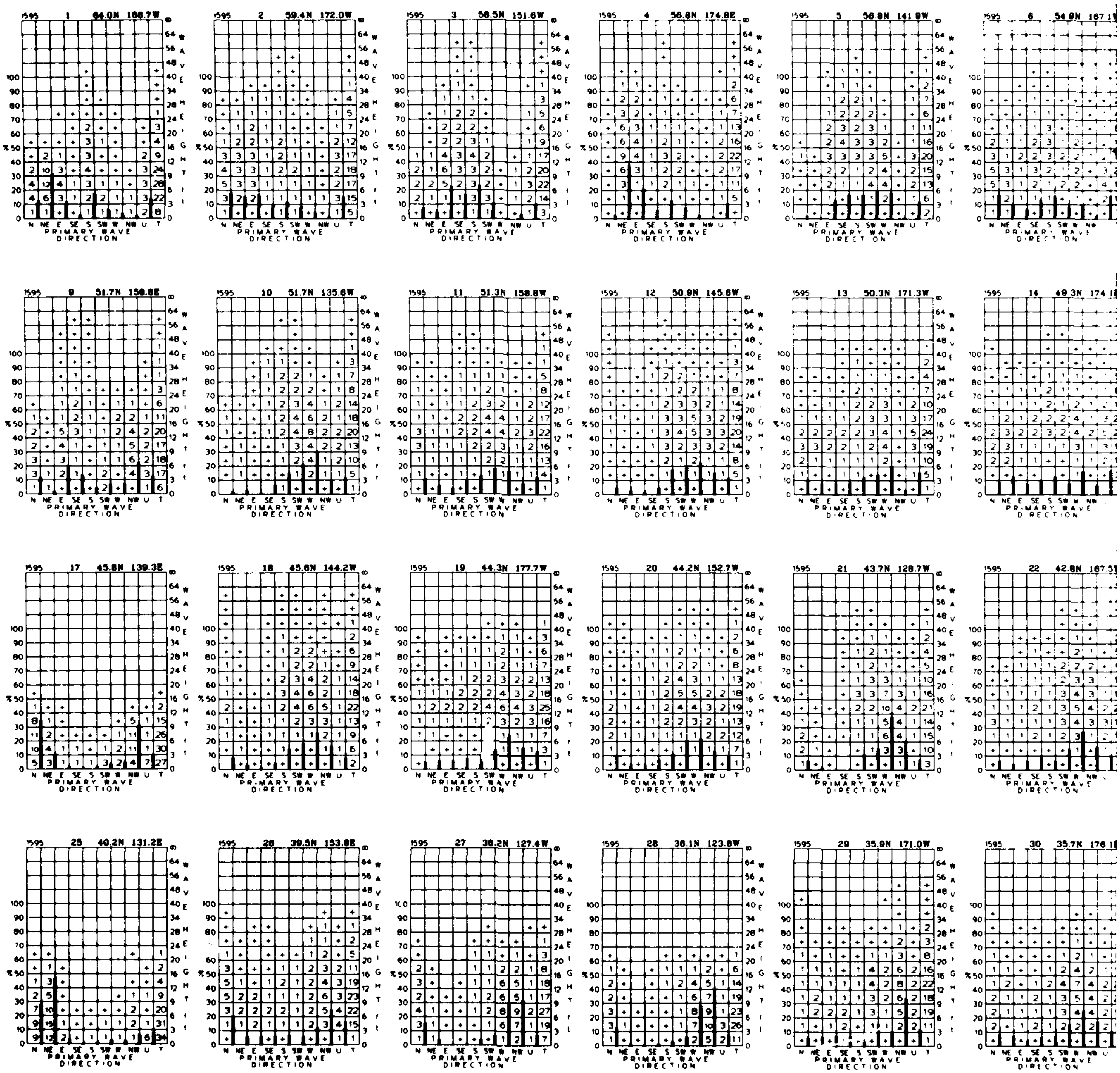
ARY WAVE DIRECTION (Cont'd) NOVEMBER



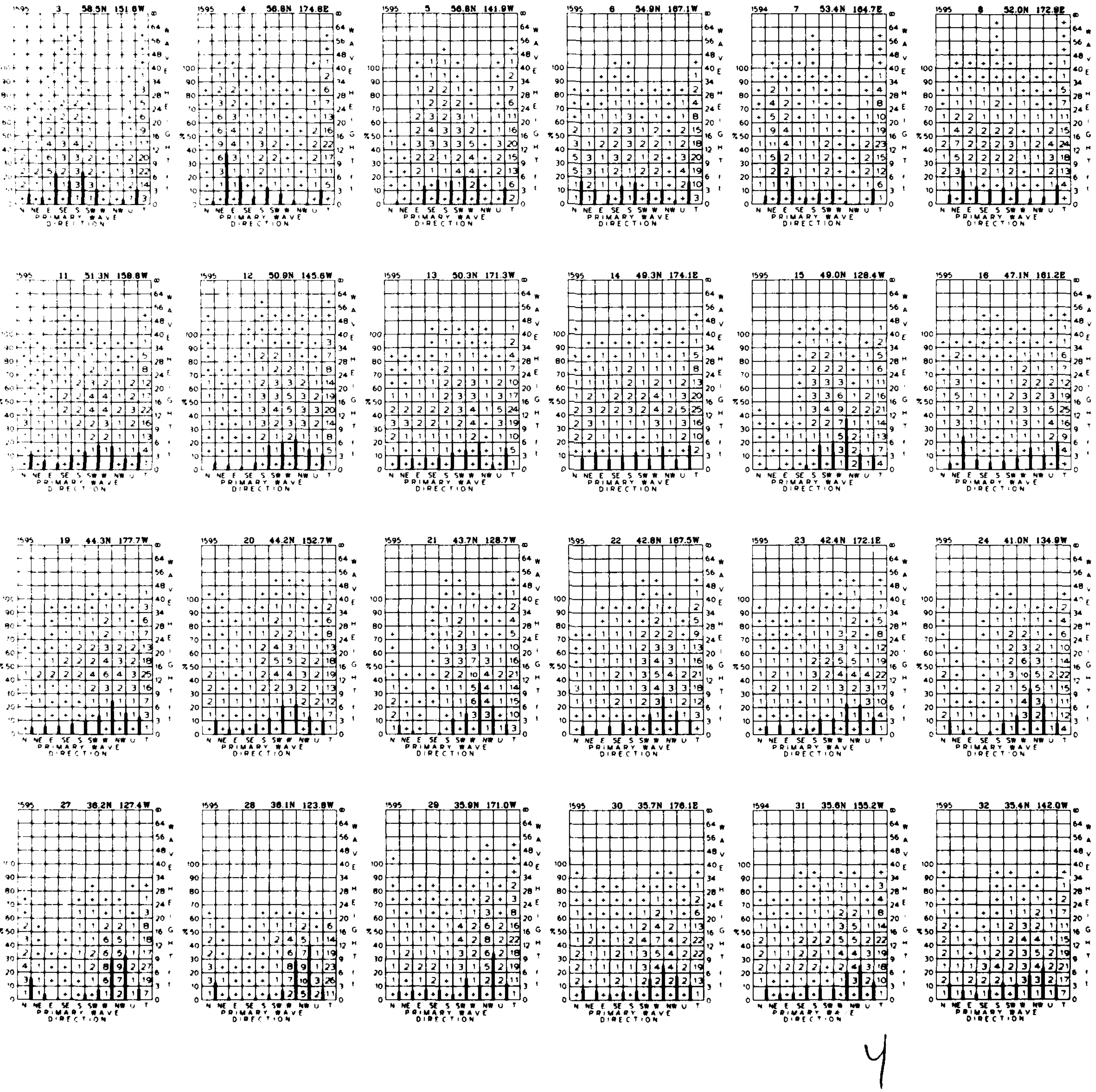
2

DECEMBER

WAVE HEIGHT AND PRIMA



WAVE HEIGHT AND PRIMARY WAVE DIRECTION



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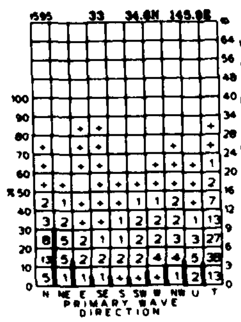
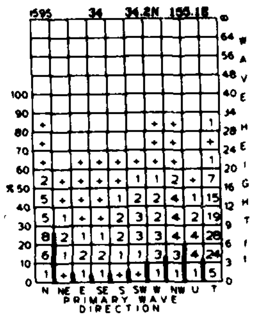
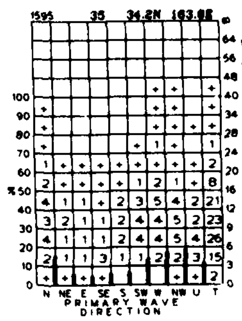
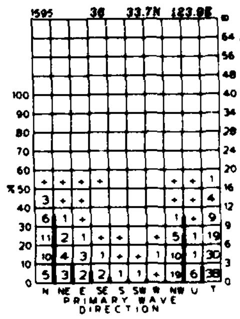
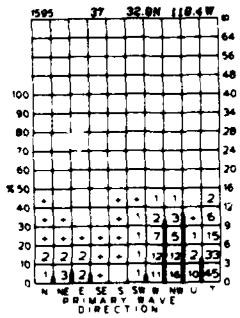
WAVE HEIGHT AND PRIMARY WAVE DIRECTION (Cont'd)

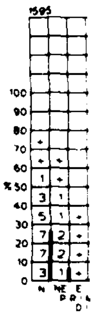


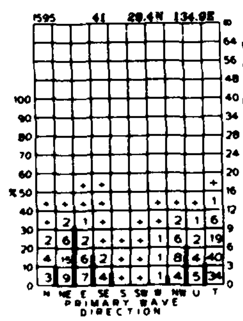


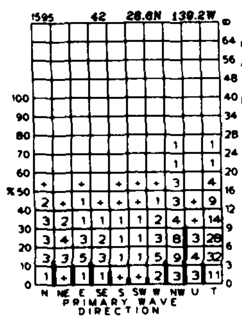


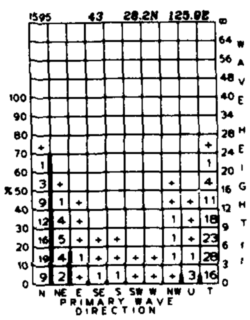


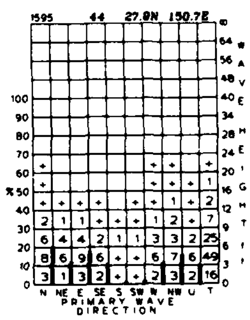


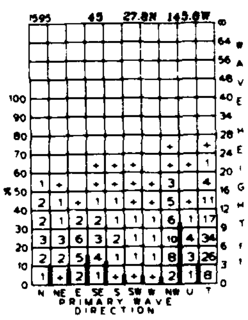


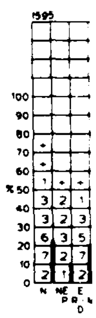


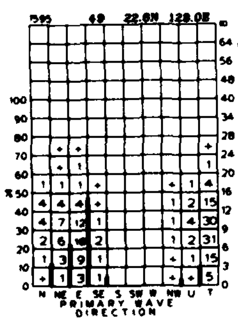


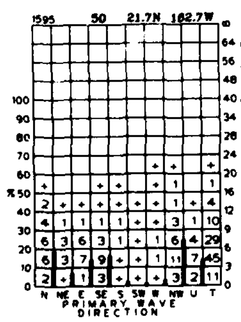


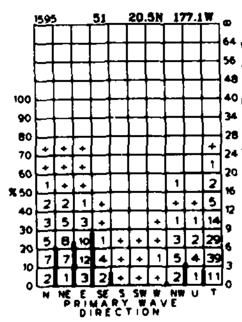


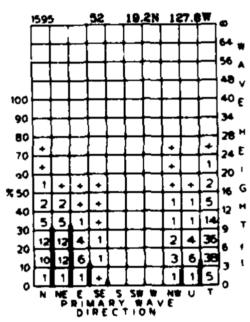


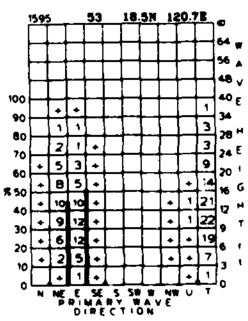


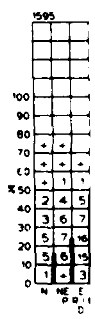


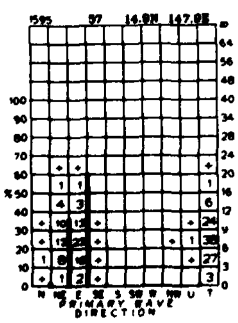


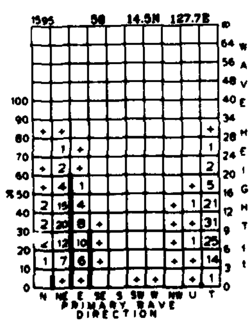


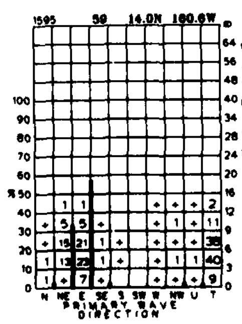


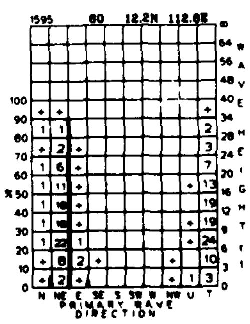


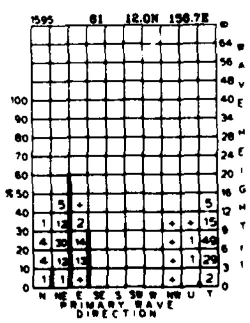


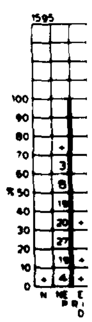




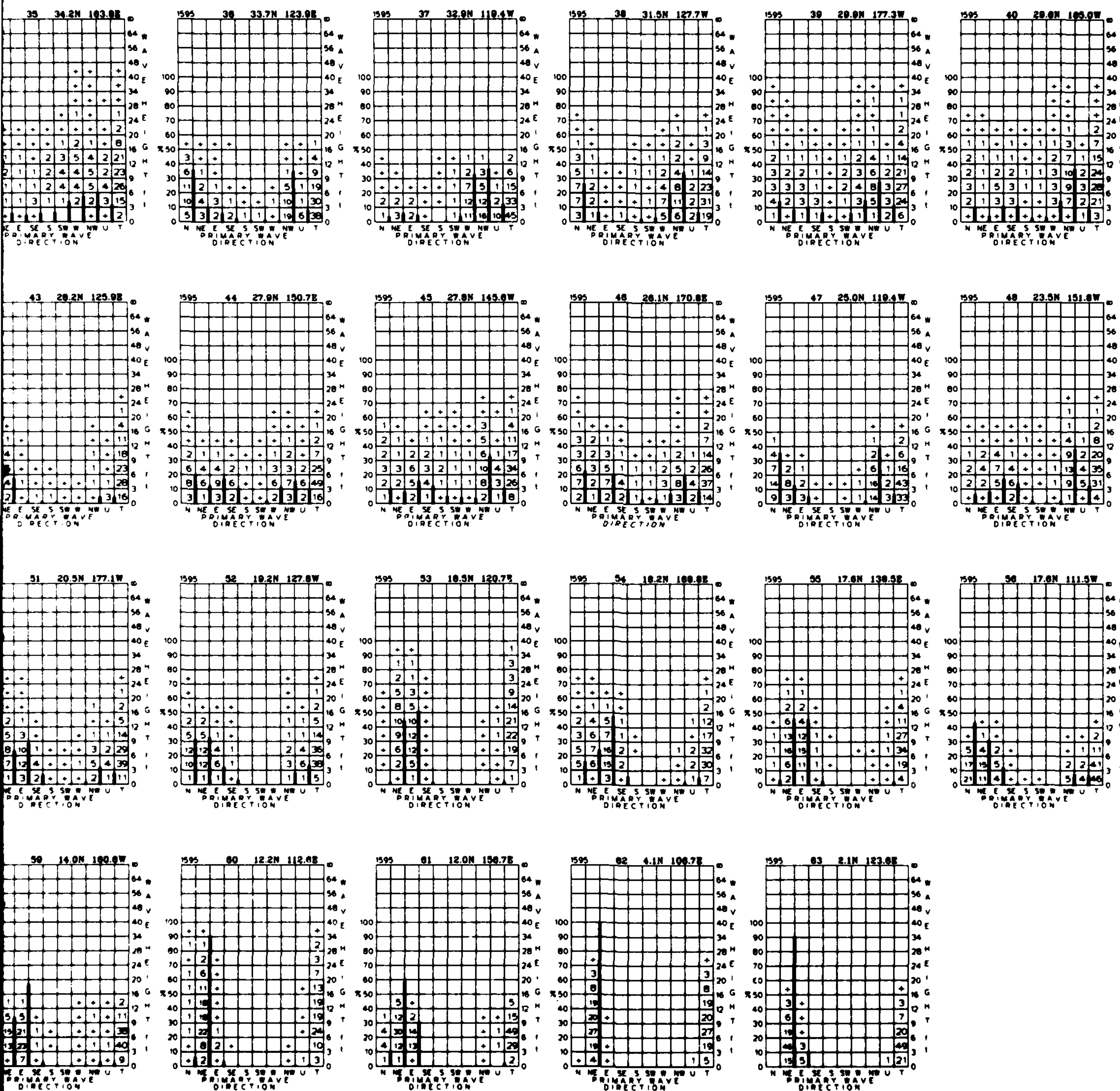






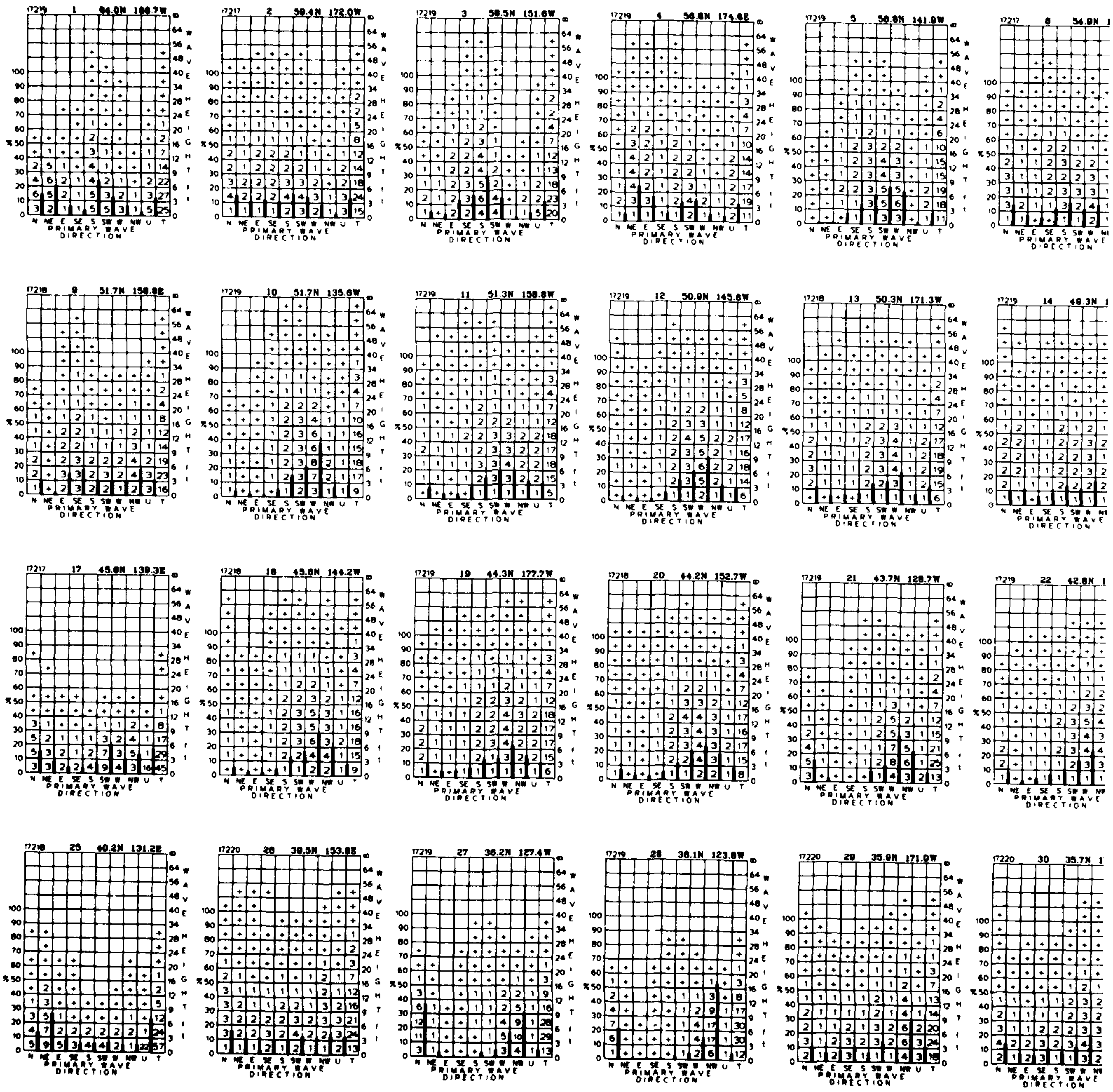


MARY WAVE DIRECTION (Cont'd) DECEMBER

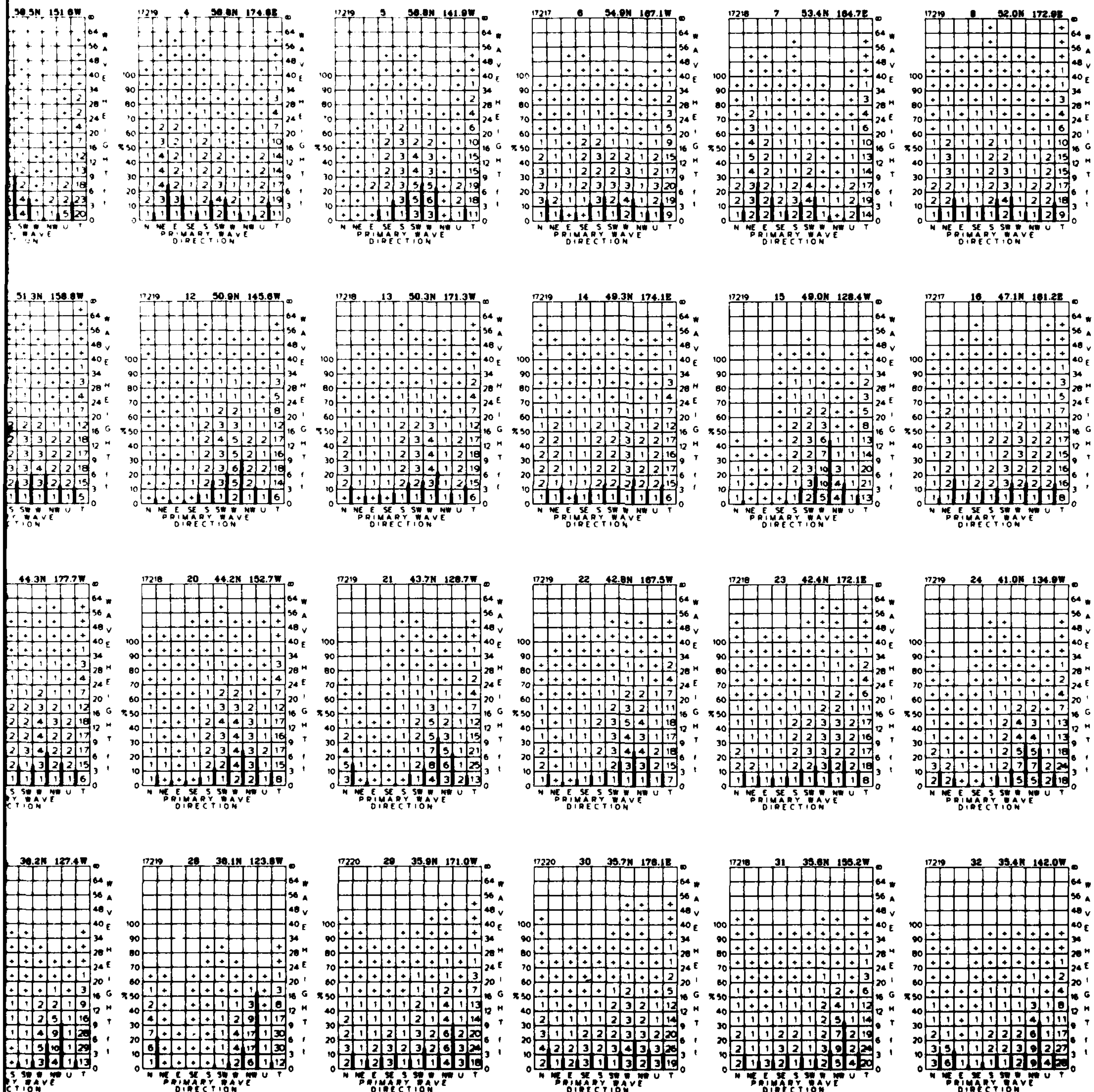


2

ANNUAL WAVE HEIGHT AND PRIM



WAVE HEIGHT AND PRIMARY WAVE DIRECTION



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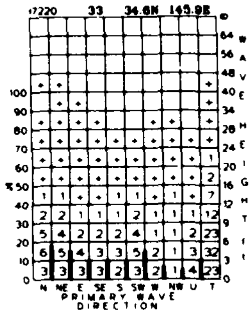
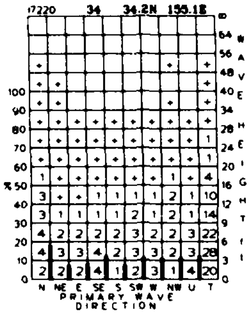
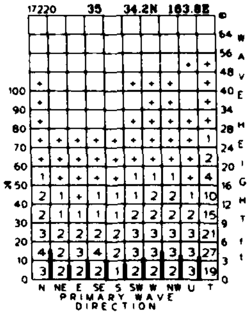
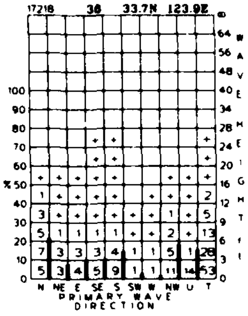
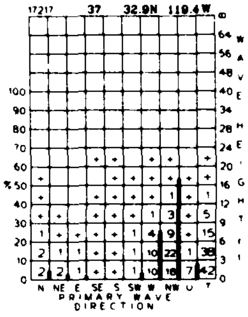
WAVE HEIGHT AND PRIMARY WAVE DIRECTION (Cont'd)

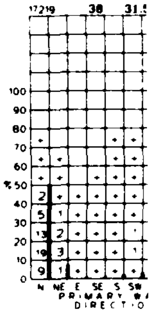


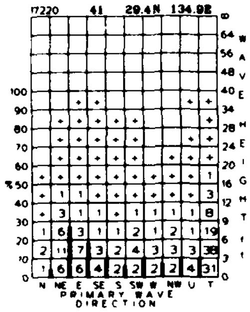


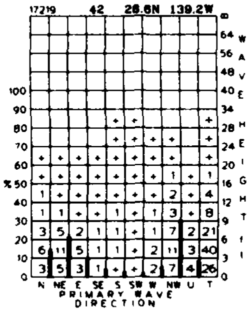


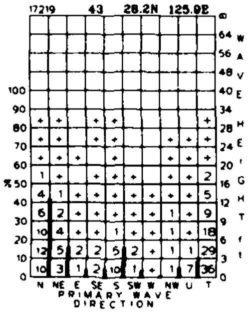


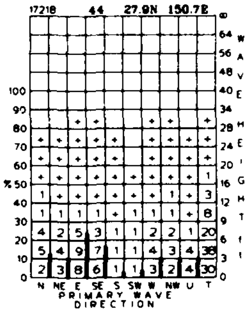


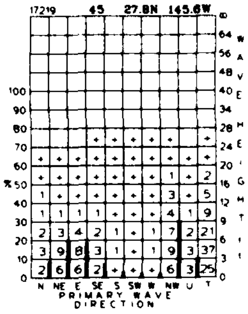


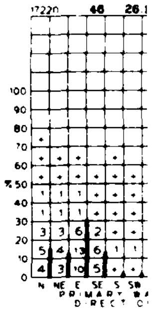


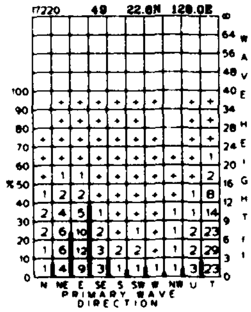


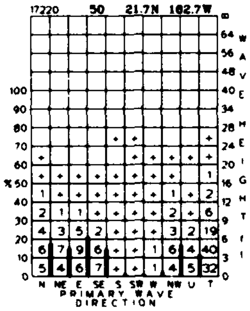


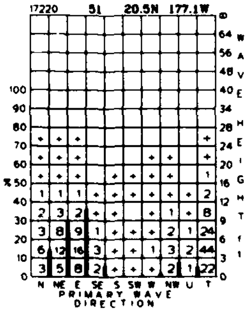


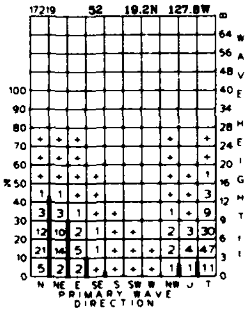


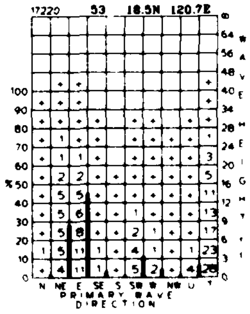


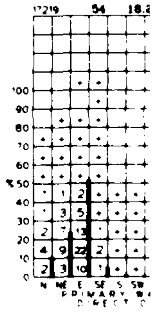


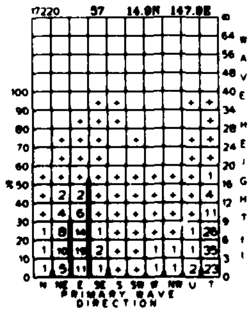


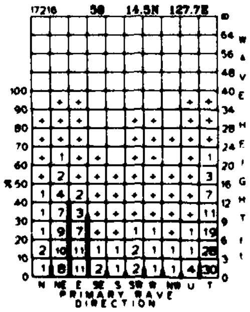


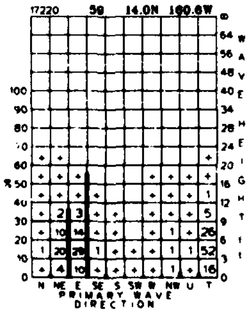


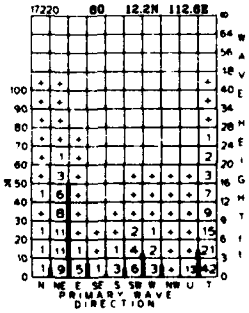


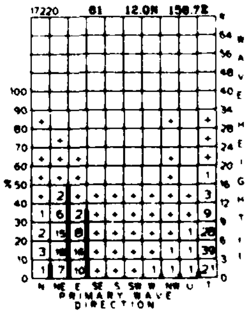


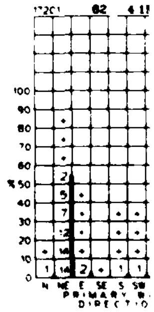






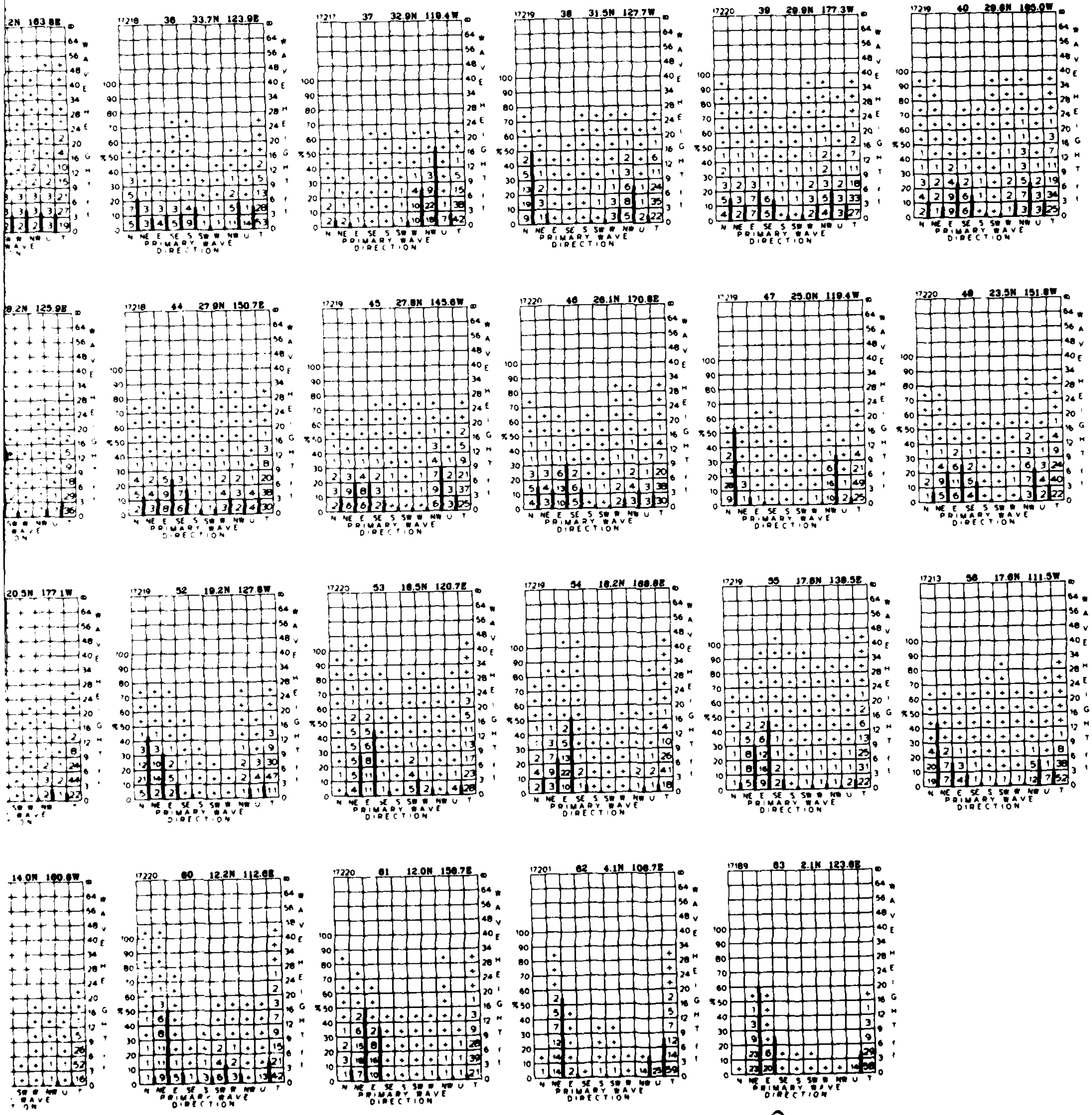






RY WAVE DIRECTION (Cont'd)

ANNUAL



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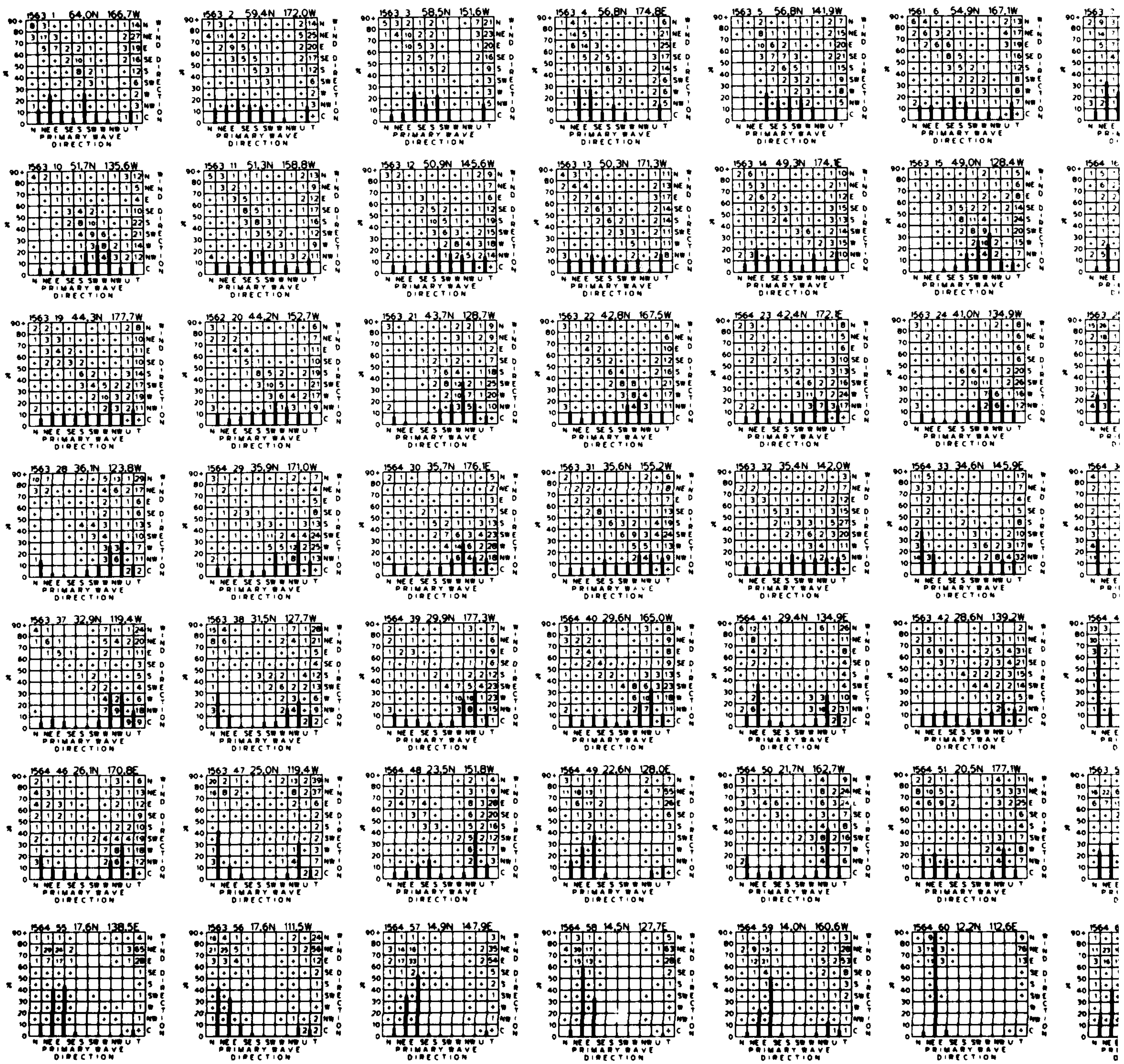
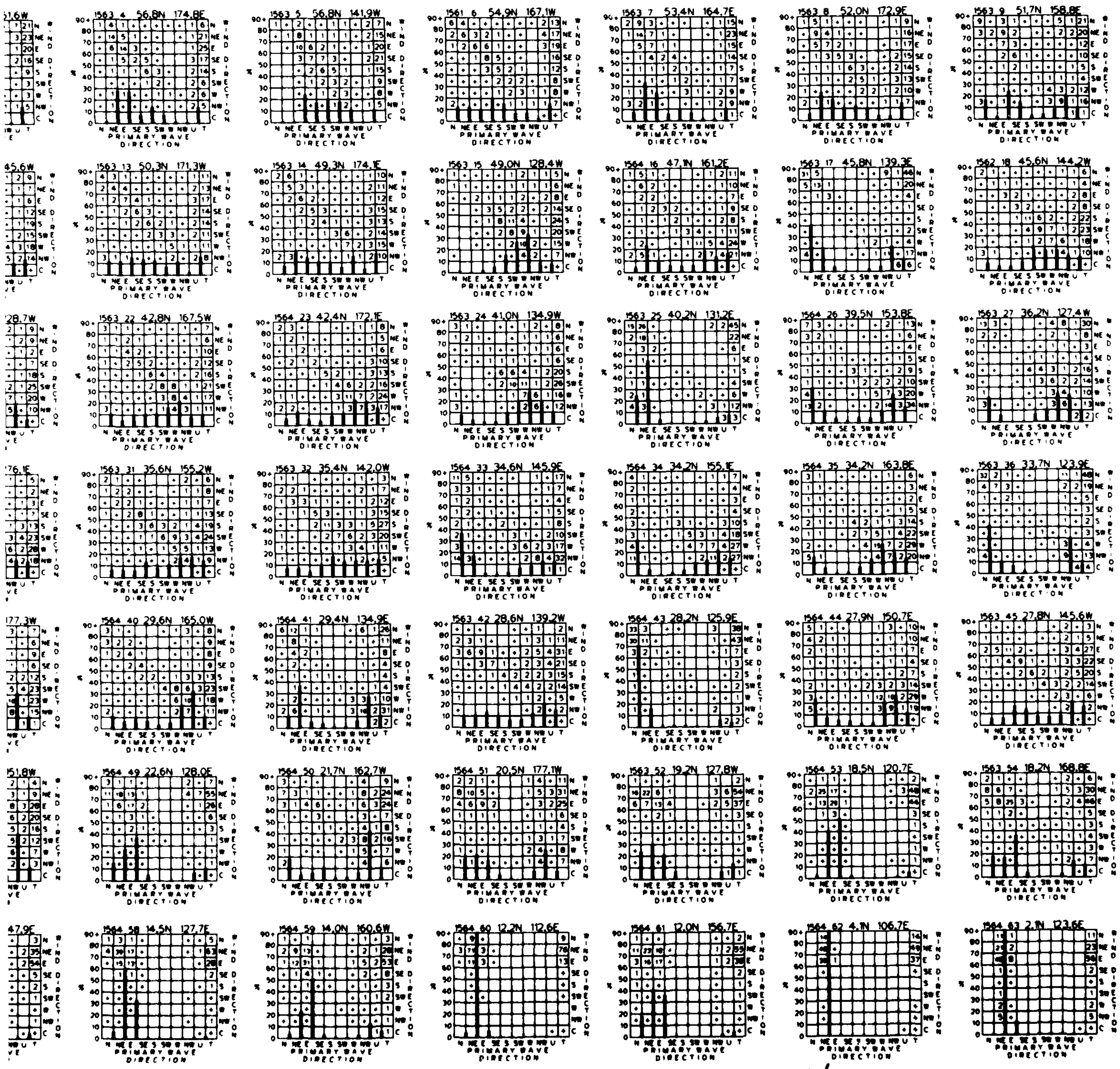
JANUARY

PRIMARY WAVE DIRECTION



PRIMARY WAVE DIRECTION AND WIND DIRECTION



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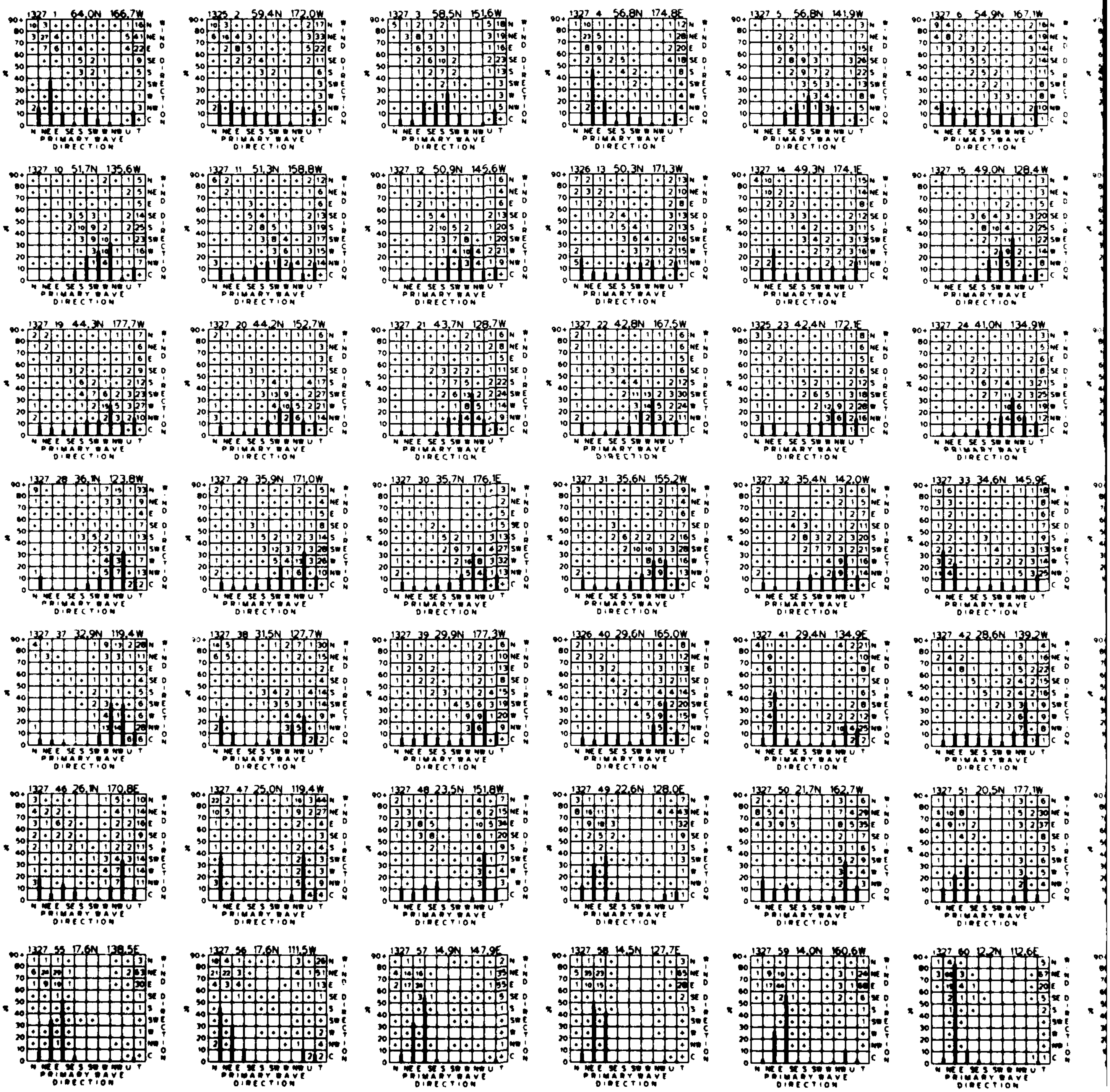
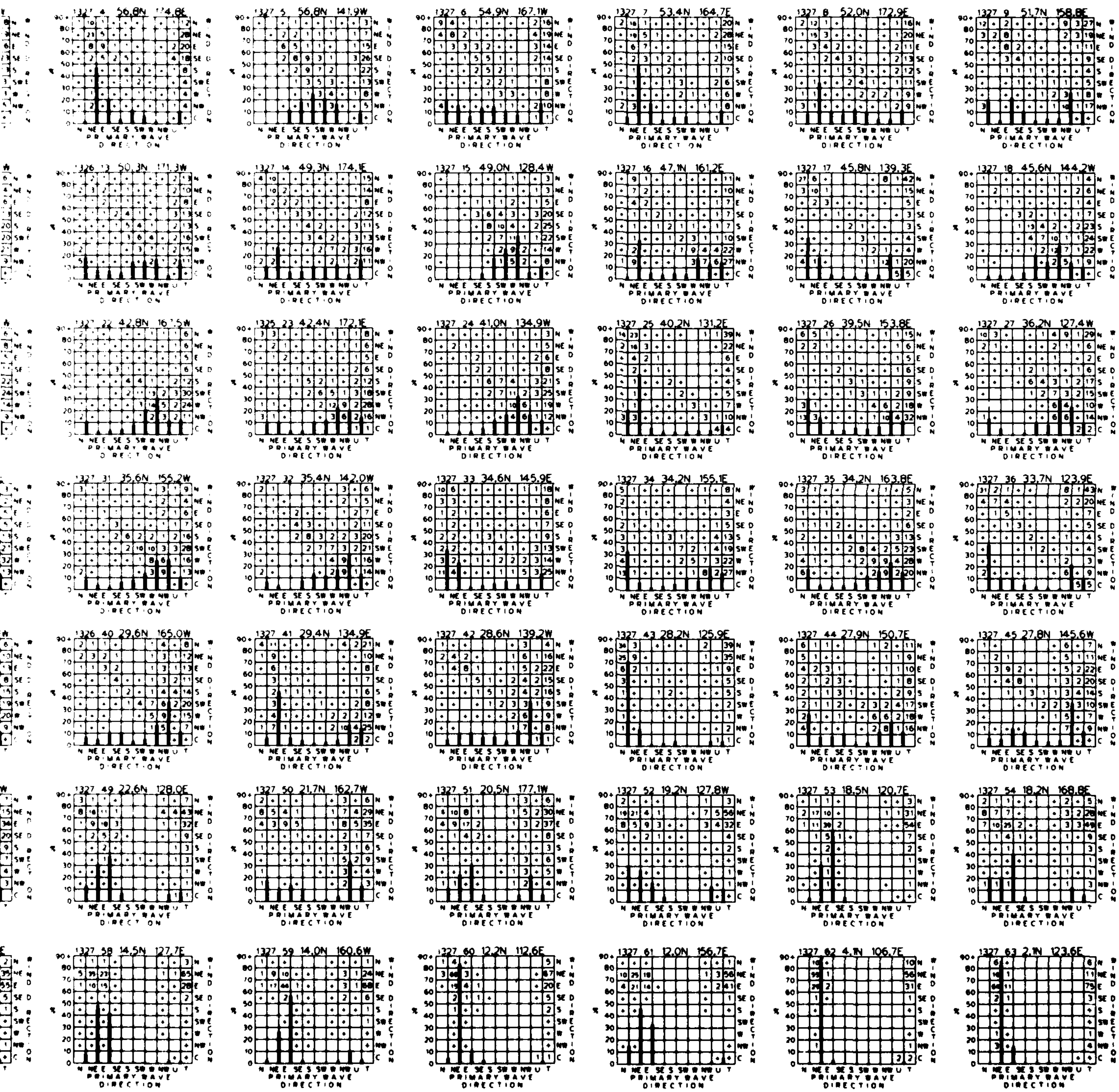
PRIMARY WAVE DIRECTION AND WIND DIRECTION



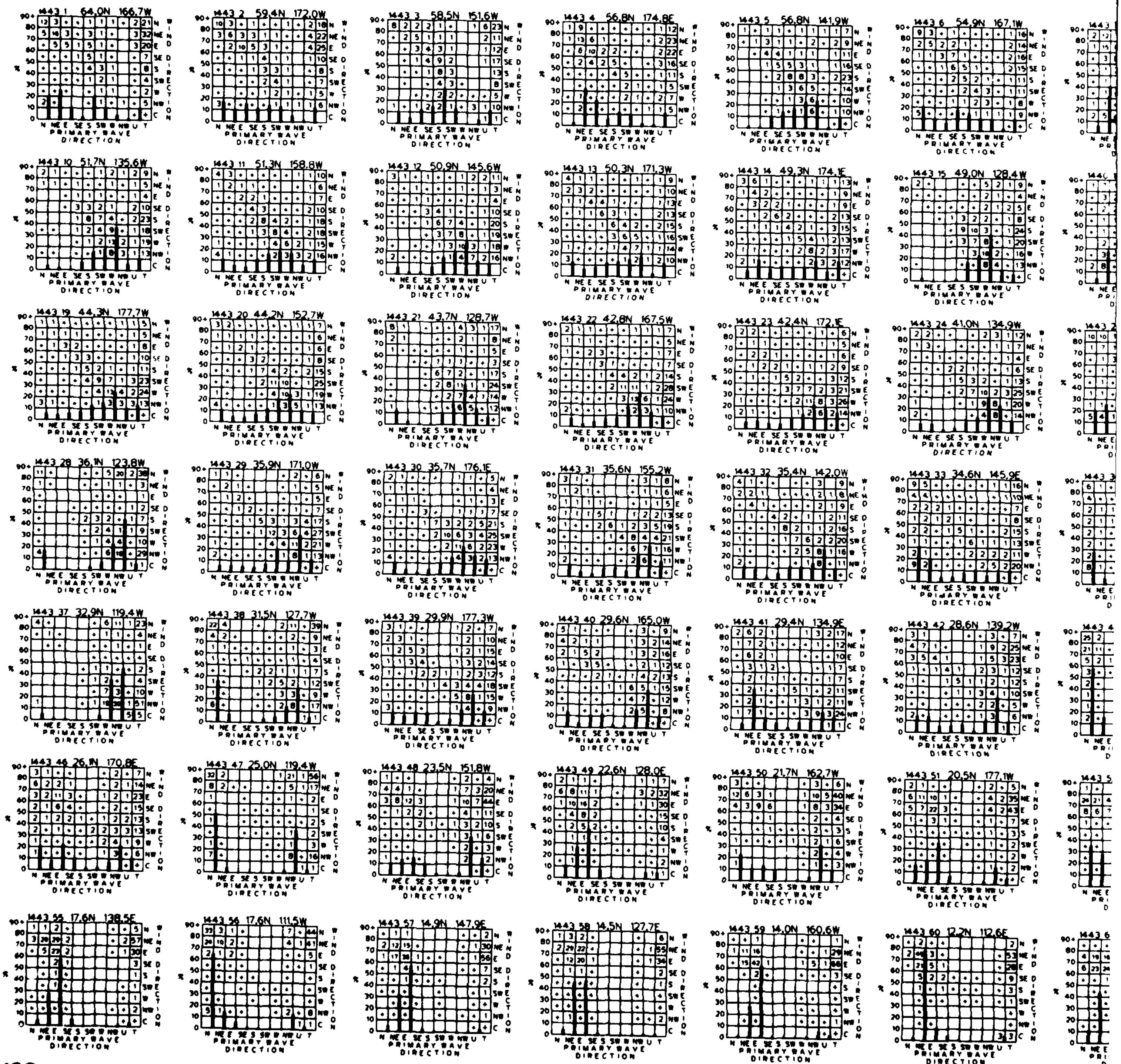
...ON AND WIND DIRECTION

FEBRUARY

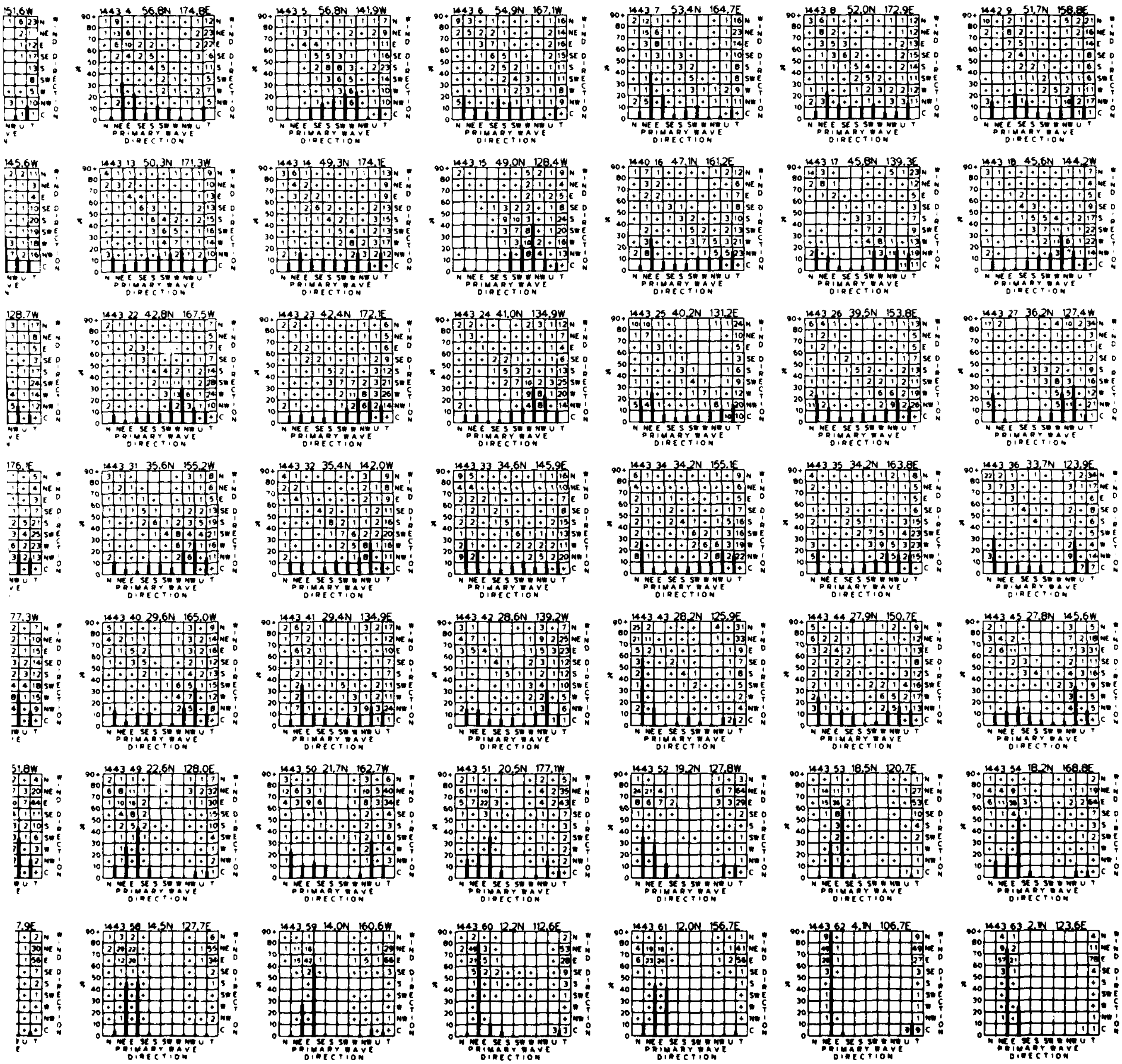


MARCH

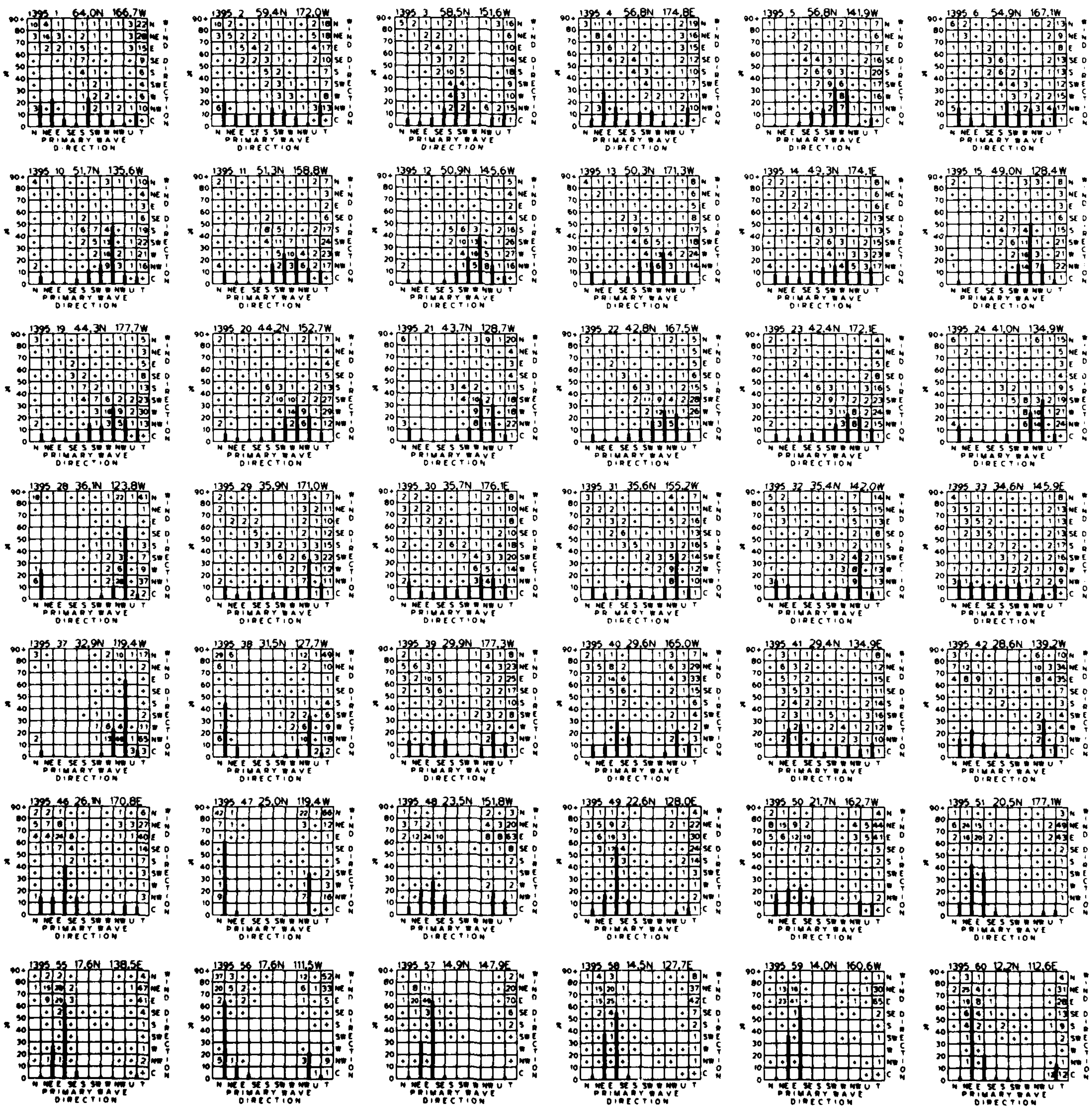
PRIMARY WAVE DIRECTIO

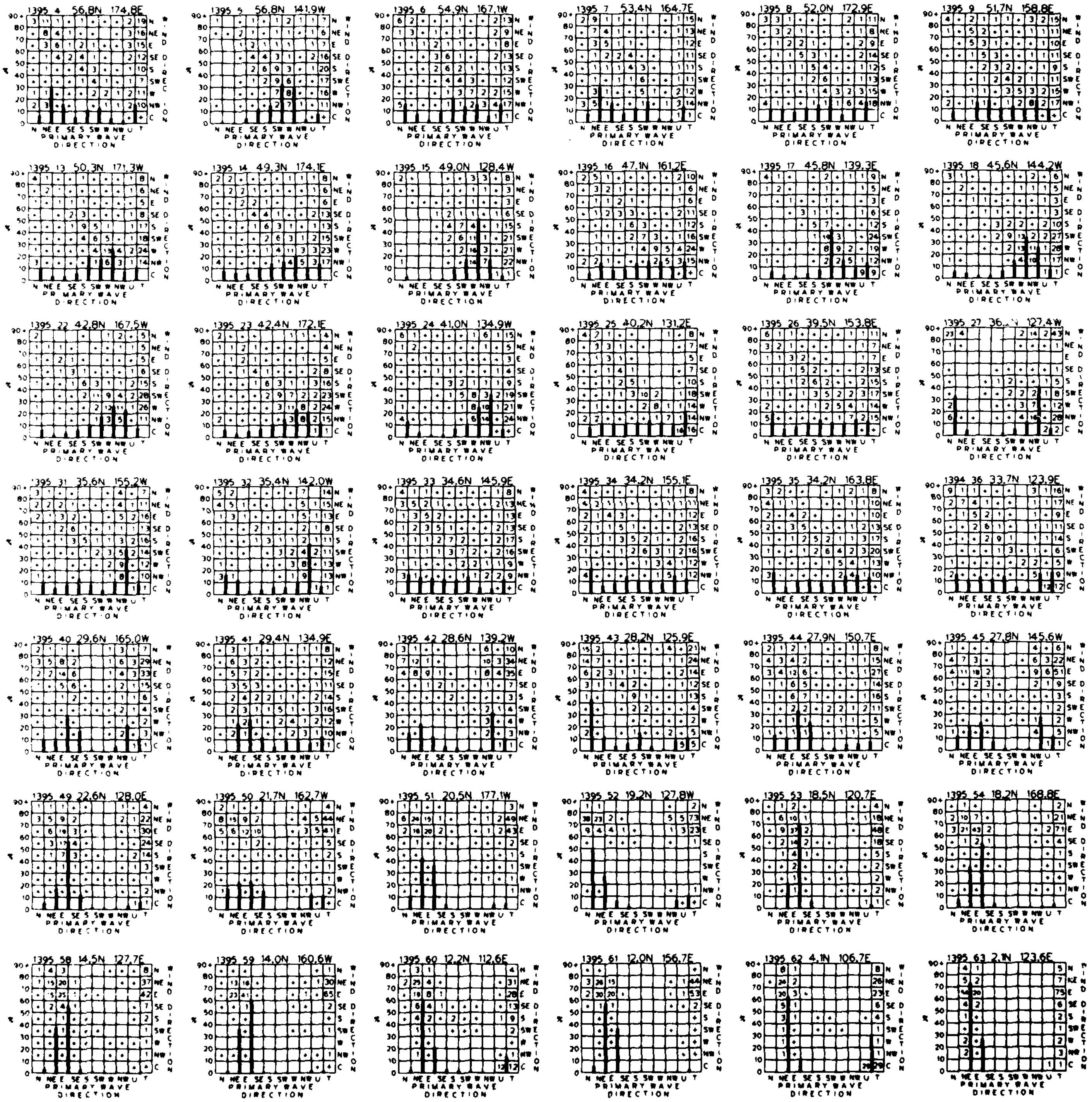


PRIMARY WAVE DIRECTION AND WIND DIRECTION



PRIMARY WAVE DIRECTION AND WIND DIRECTION

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1395 23 42.4N 172.1E
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1395 25 40.2N 131.2E
1395 26 39.5N 153.8E
1395 27 127.4W
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1395 35 34.2N 163.8E
1394 36 33.7N 123.9E
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1395 44 27.9N 150.7E
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1395 50 21.7N 162.7W
1395 51 20.5N 177.1W
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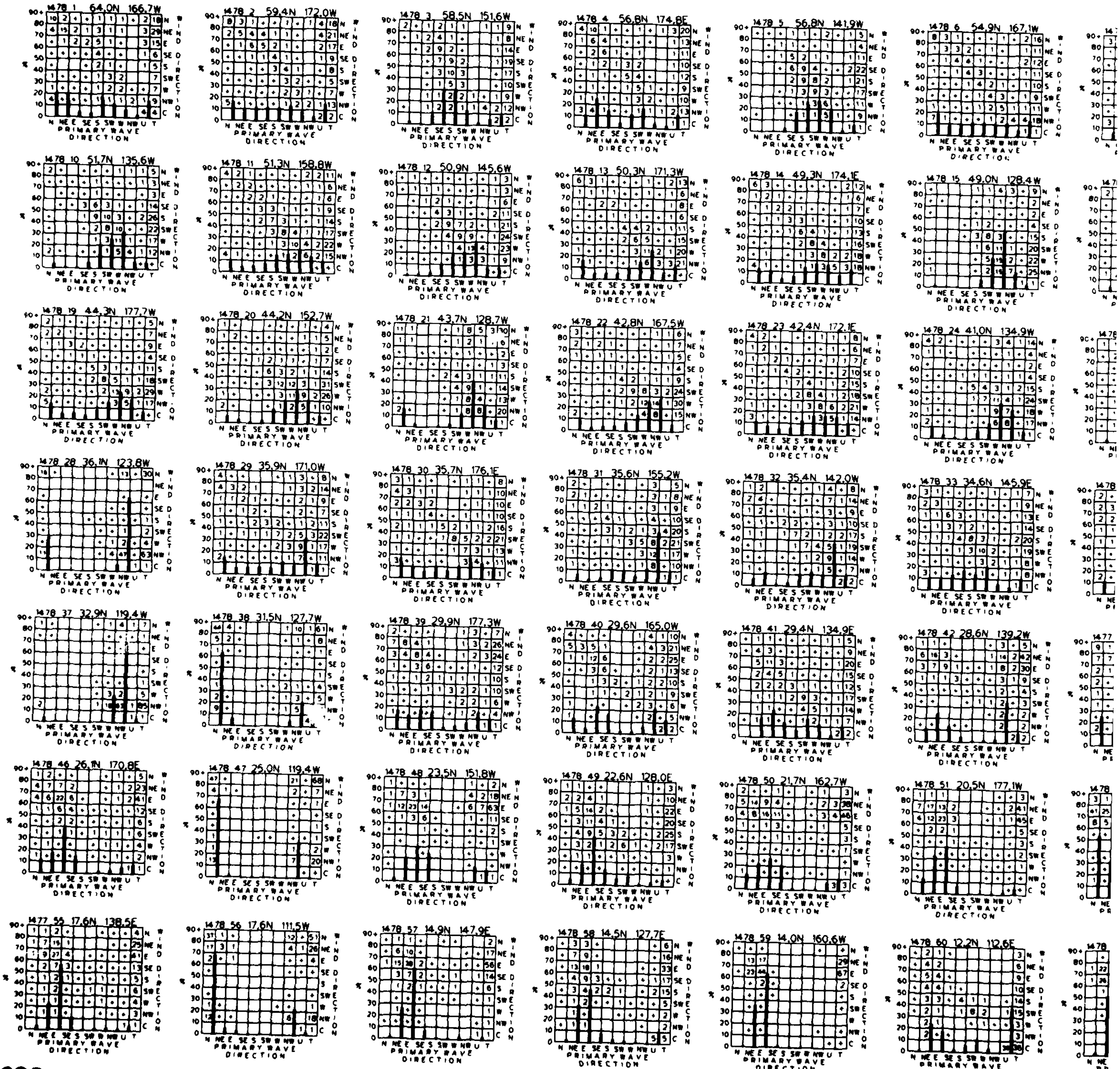
1395 54 18.2N 168.8E
1395 58 14.5N 127.7E
1395 59 14.0N 160.6W
1395 60 12.2N 112.6E
1395 61 12.0N 156.7E
1395 62 4.1N 106.7E
1395 63 2.1N 123.6E
N NE E SE S SW W NW U T
PRIMARY WAVE DIRECTION
WIND DIRECTION
N NE E SE S SW W NW C

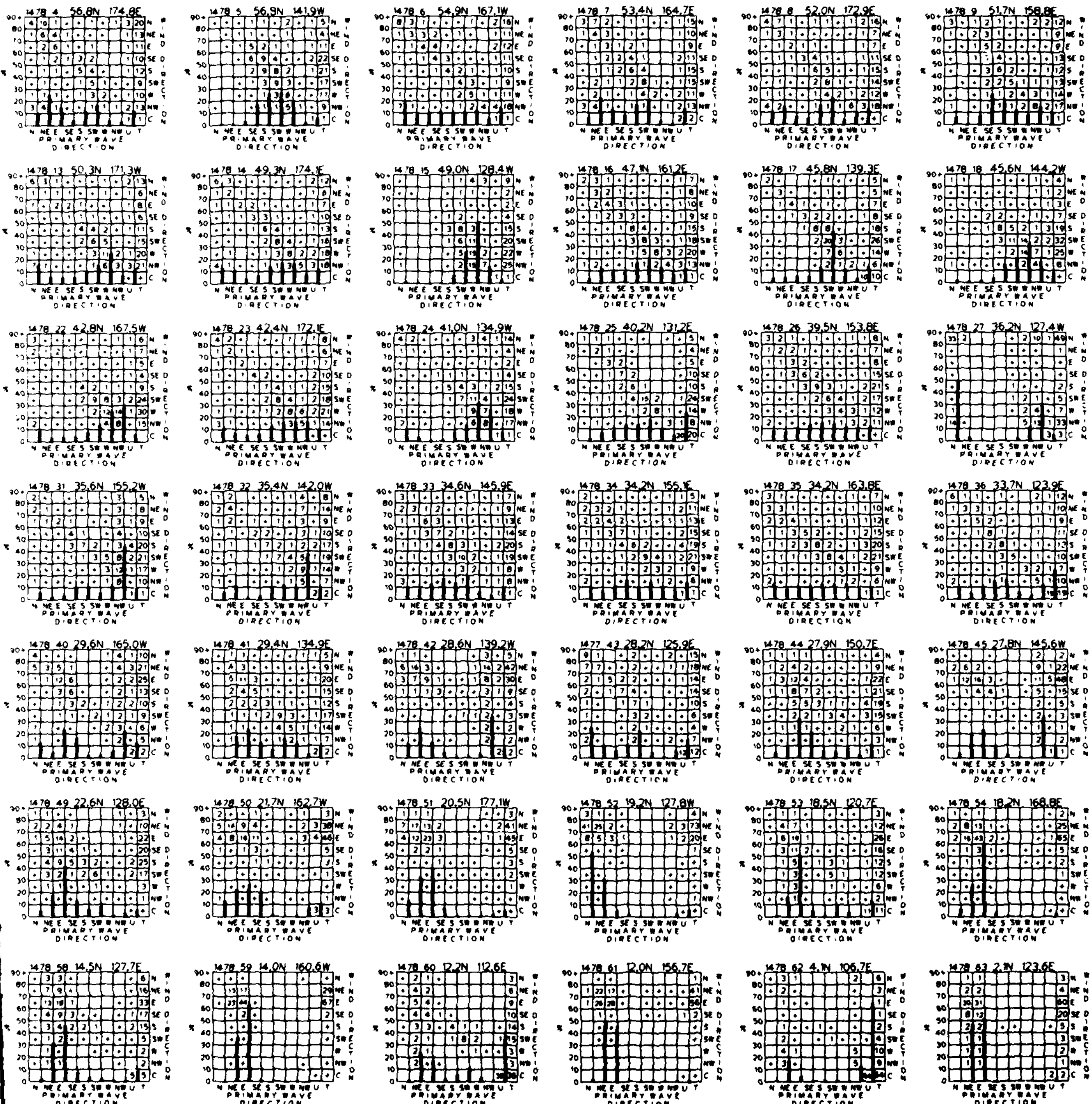
2

MAY

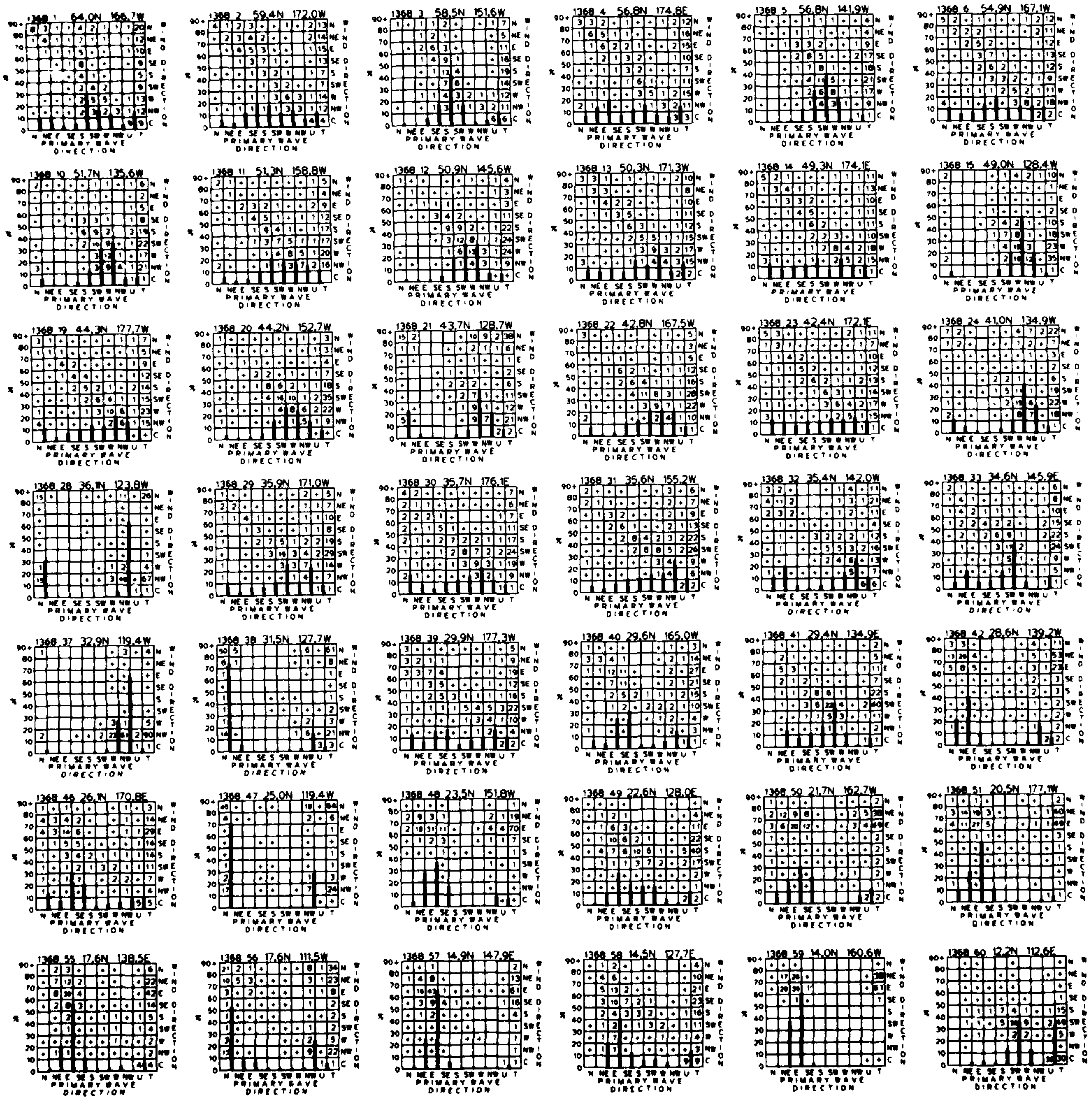
PRIMARY WAVE DIRECTIC



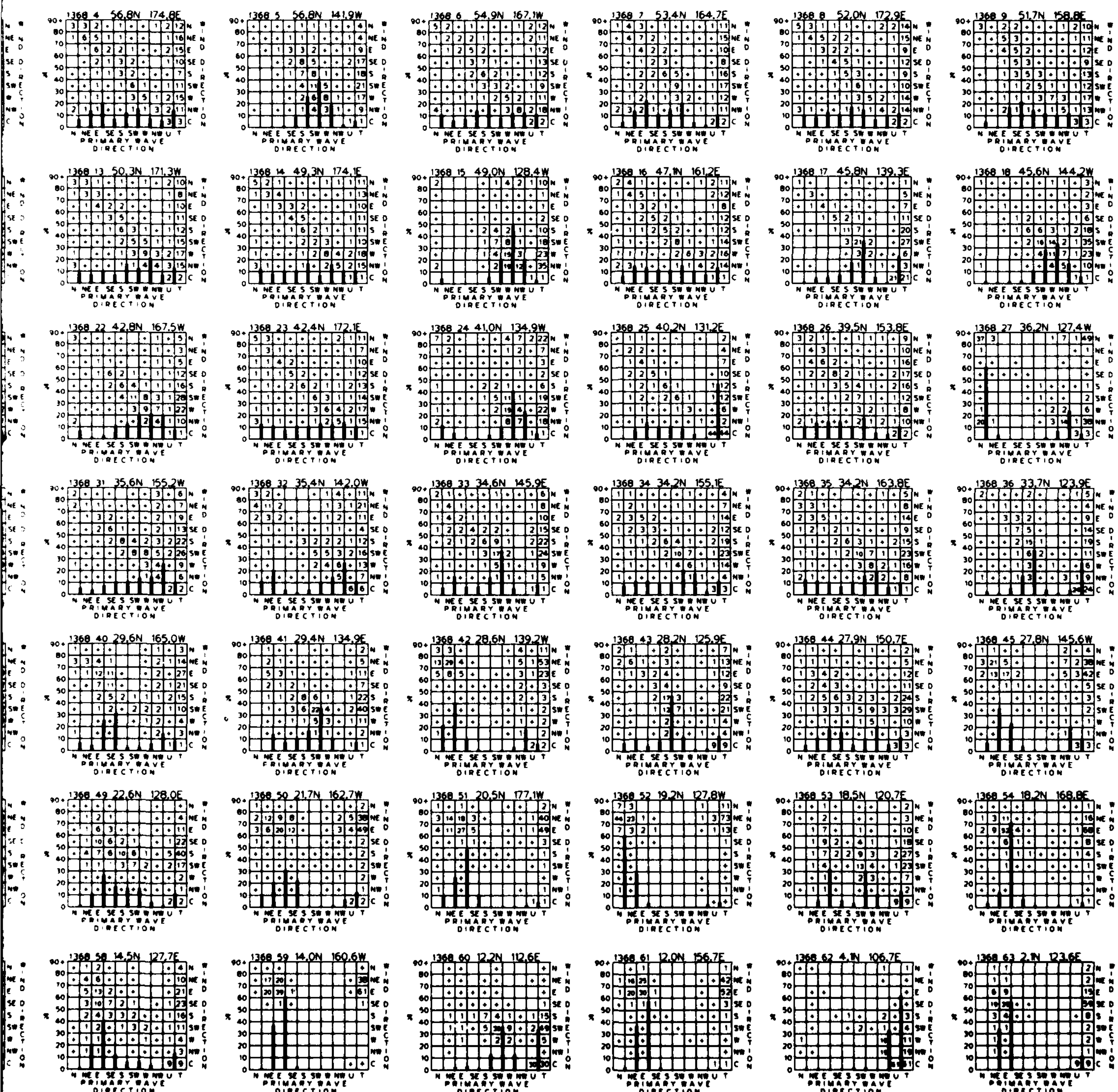
PRIMARY WAVE DIRECTION AND WIND DIRECTION



PRIMARY WAVE DIRECTION AND WIND DIRECTION



N AND WIND DIRECTION JUNE



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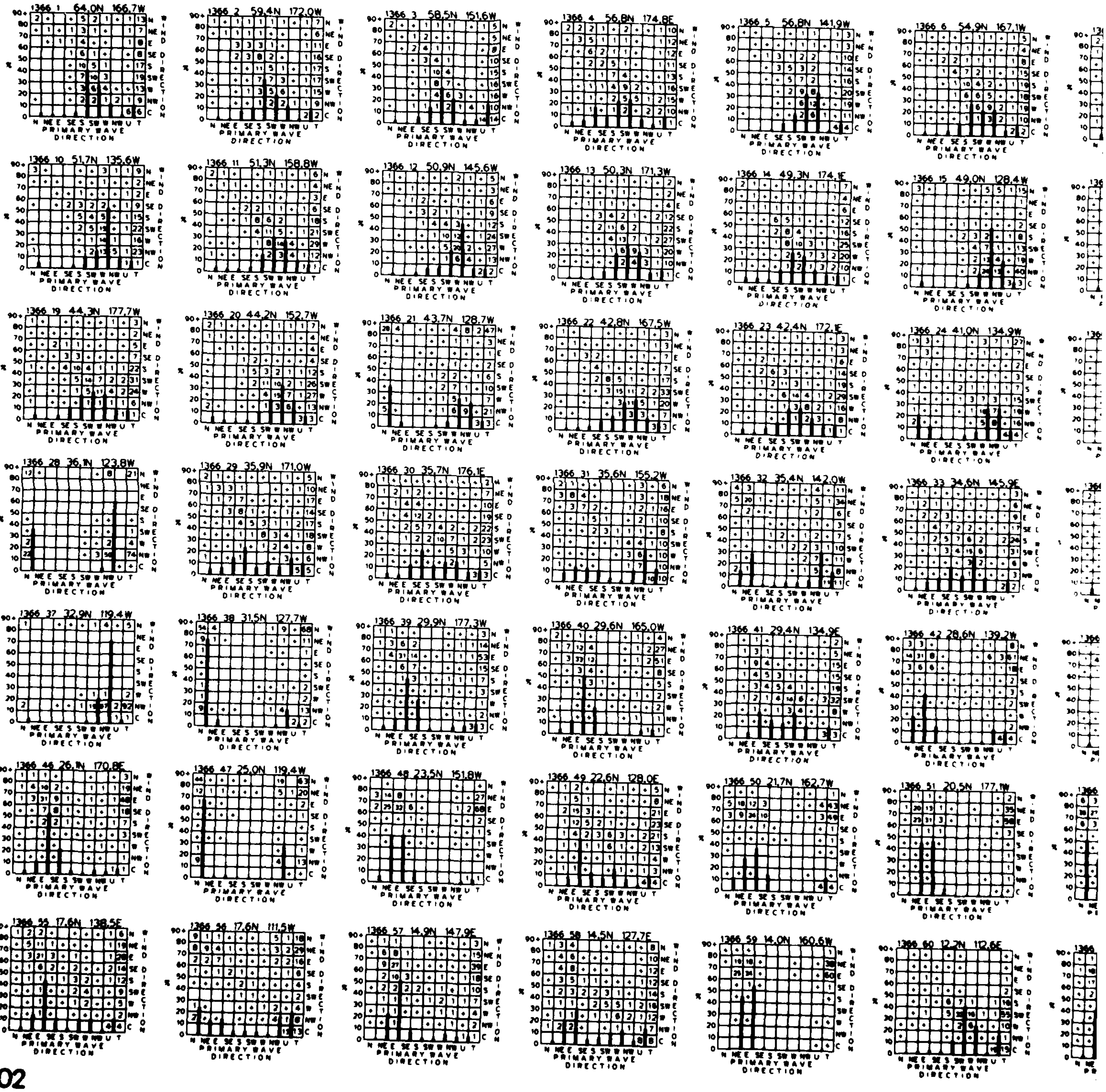
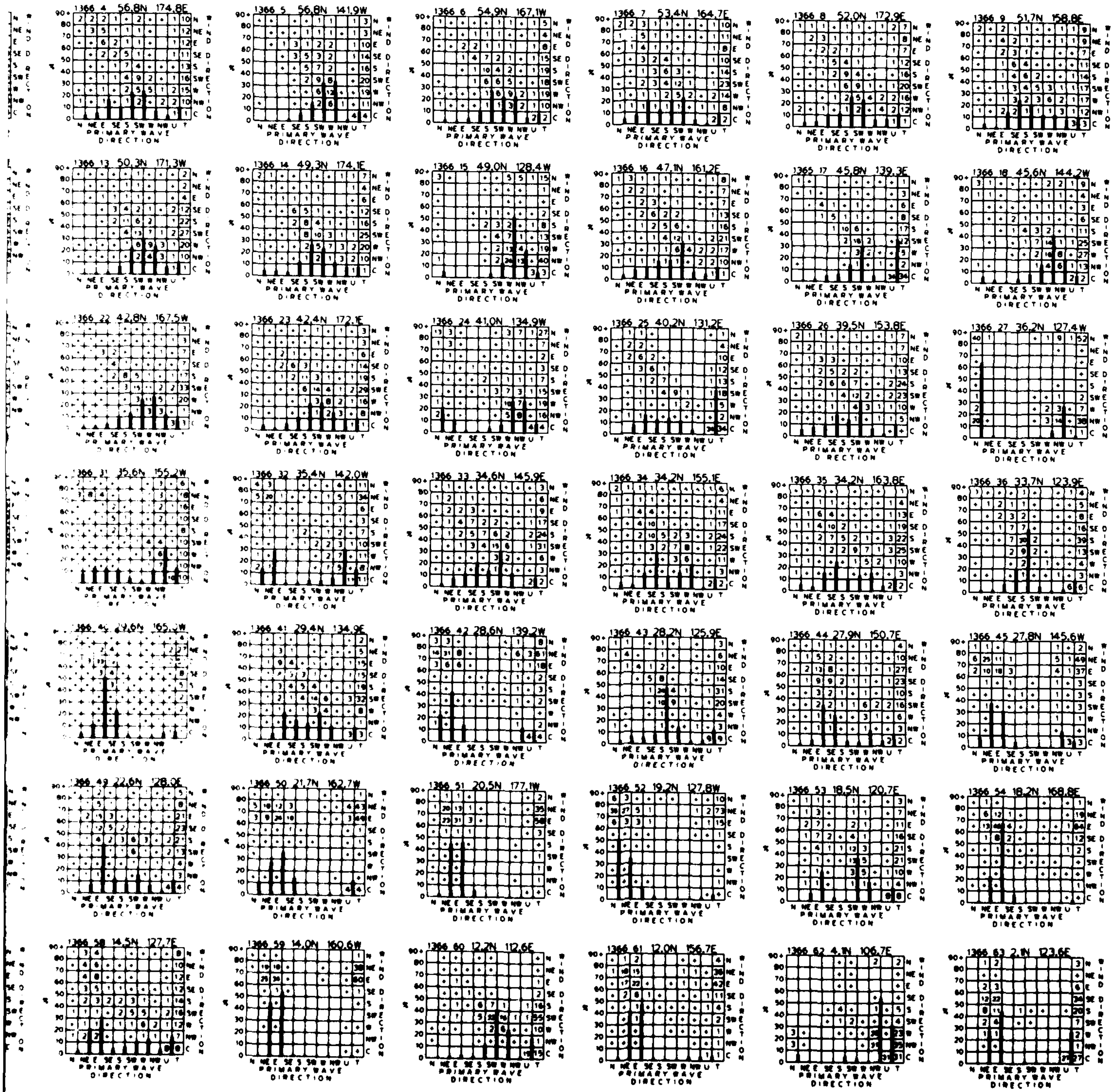
JULY

PRIMARY WAVE DIRECTIC



PRIMARY WAVE DIRECTION AND WIND DIRECTION



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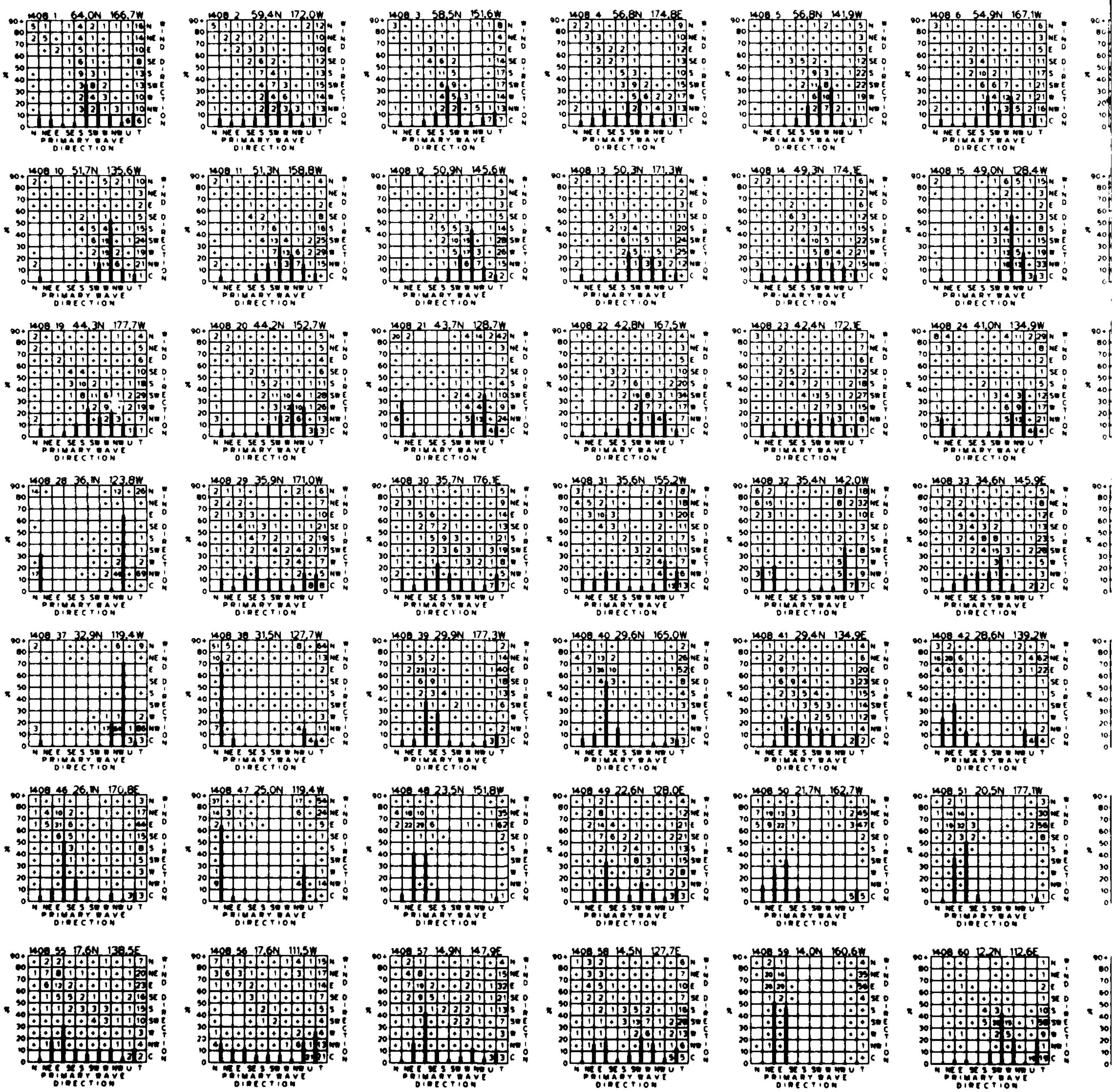
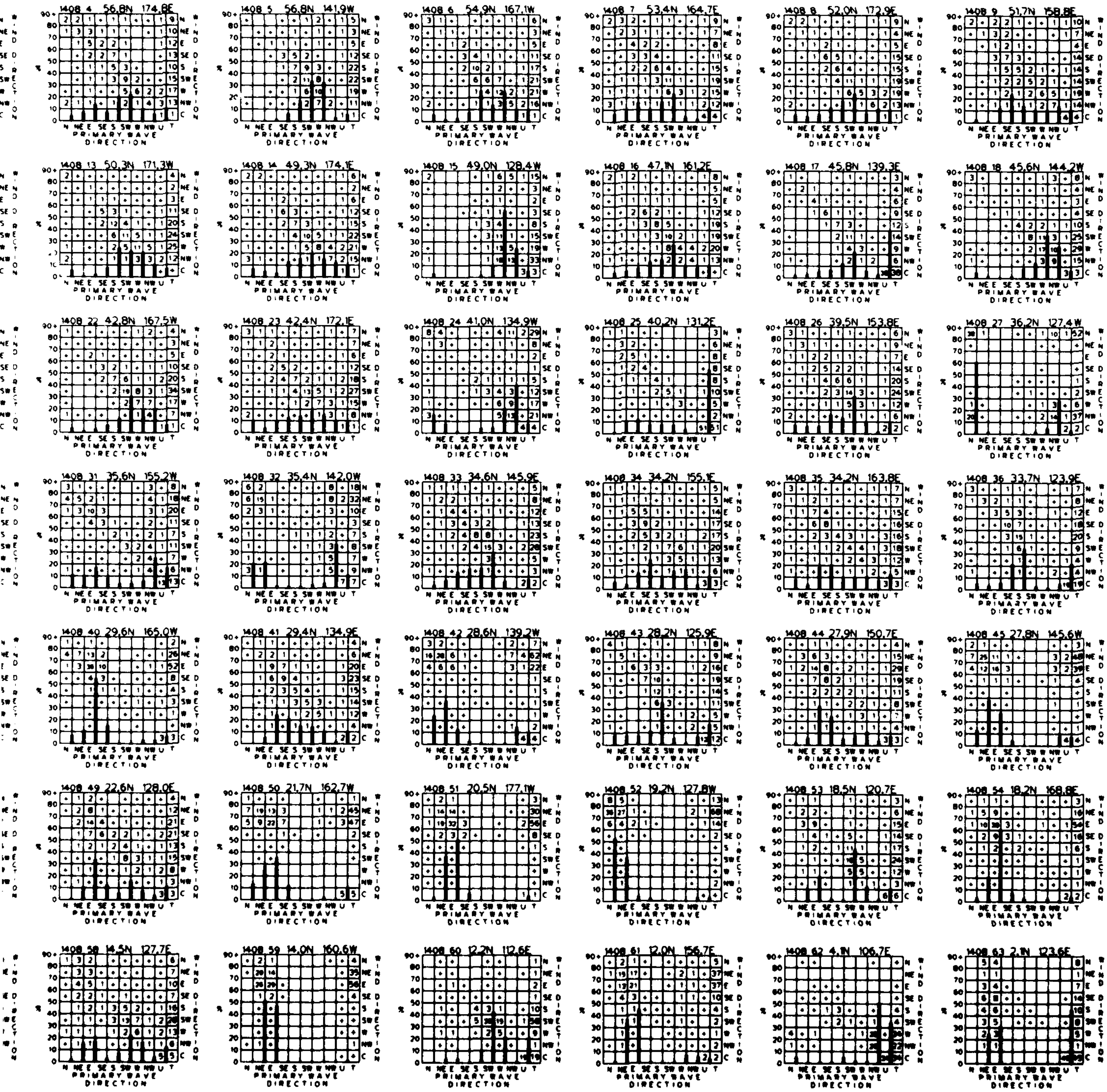
PRIMARY WAVE DIRECTION AND WIND DIRECTION

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1408 61 12.0N 156.7E
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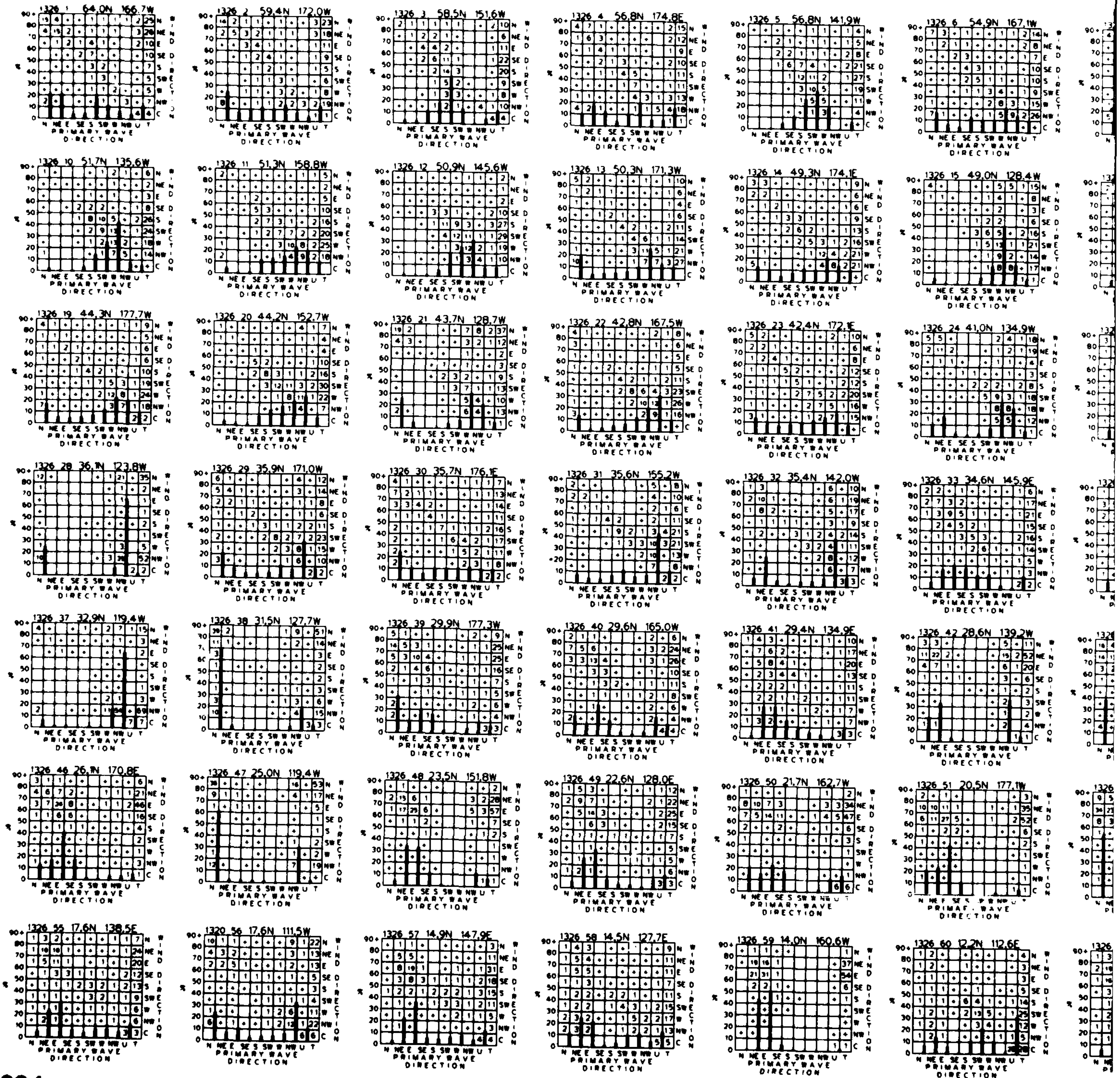
1408 63 2.1N 123.6E
PRIMARY WAVE DIRECTION
WIND DIRECTION

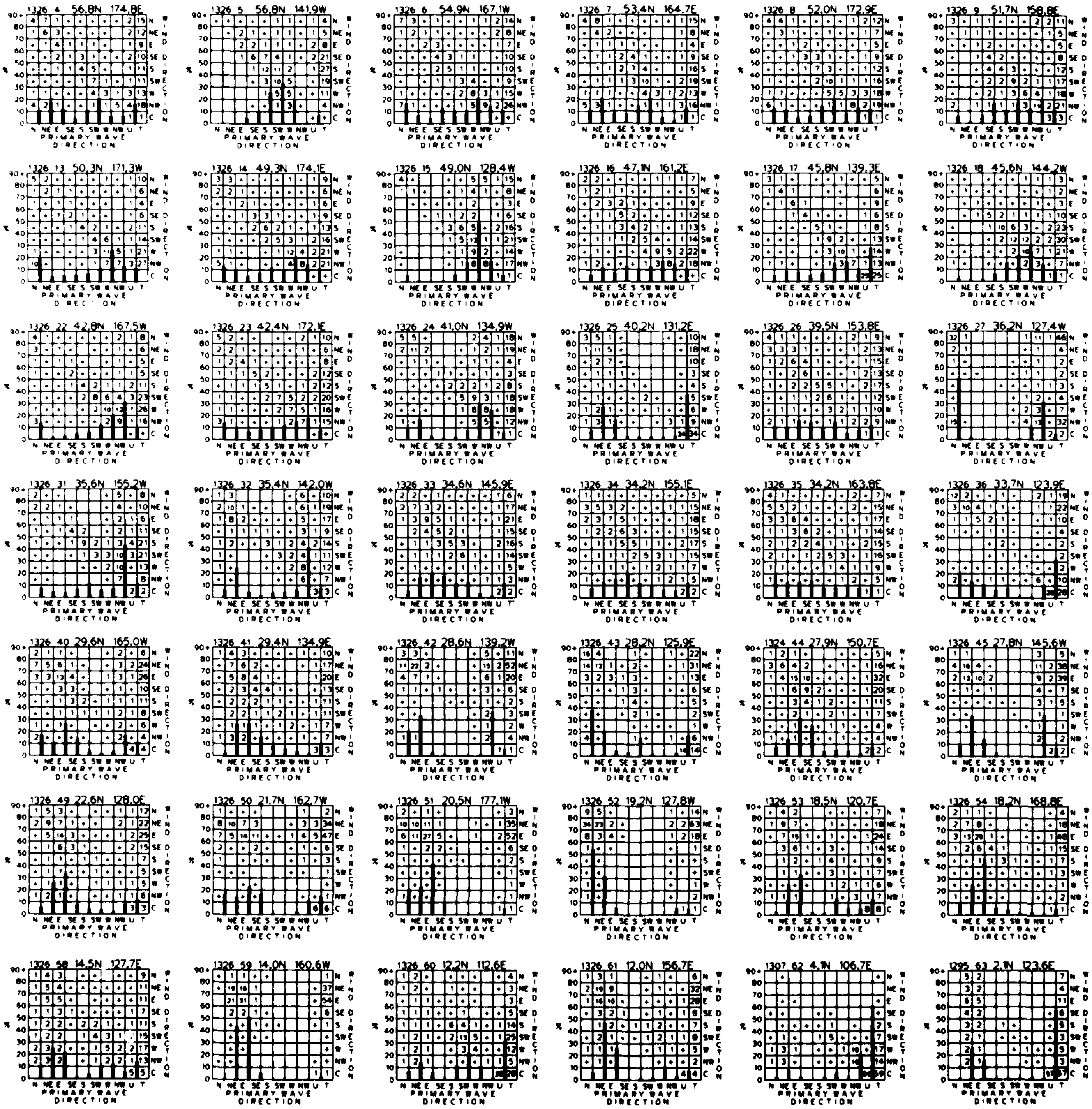
2

SEPTEMBER

PRIMARY WAVE DIRECTIC



PRIMARY WAVE DIRECTION AND WIND DIRECTION



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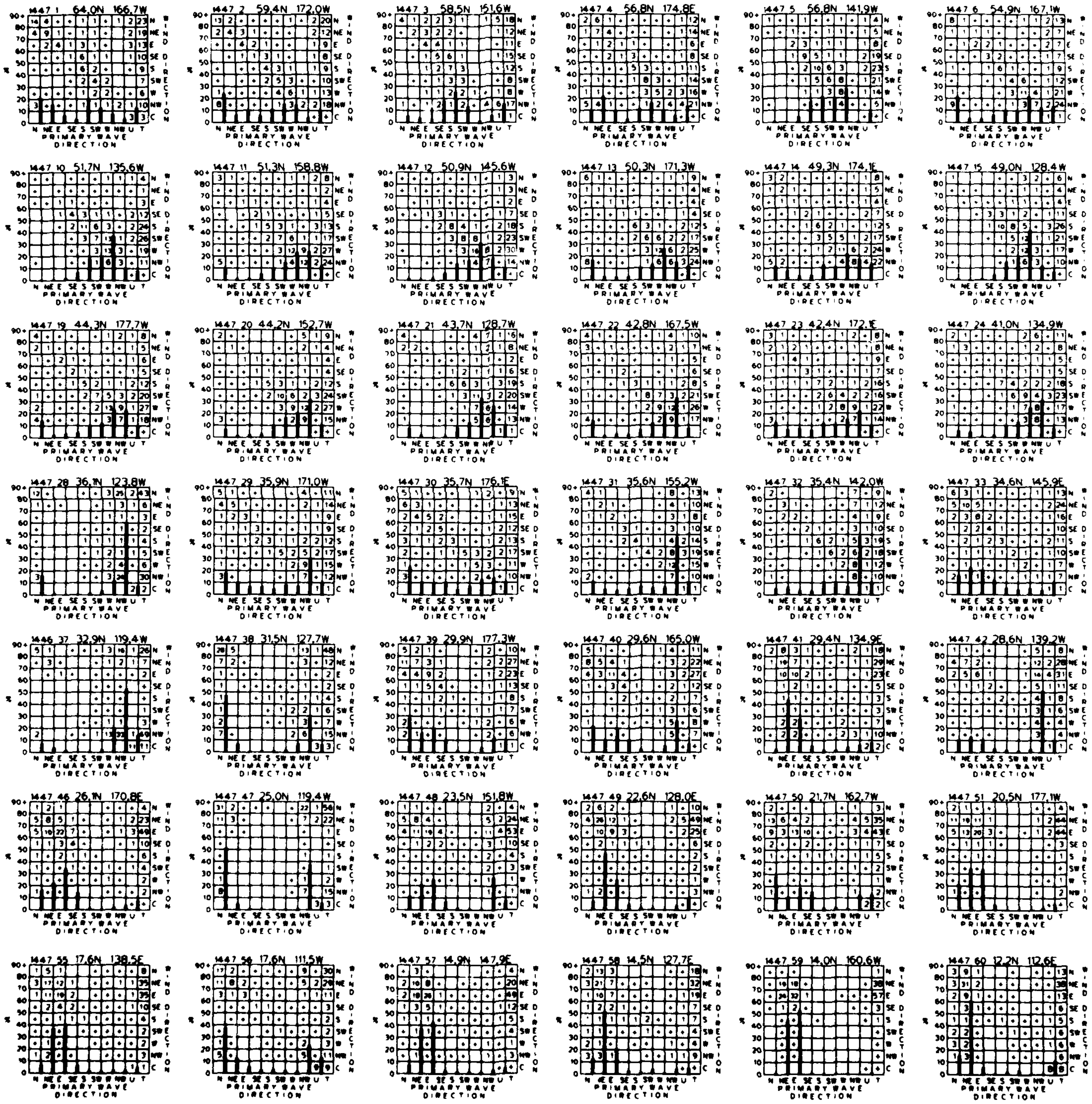
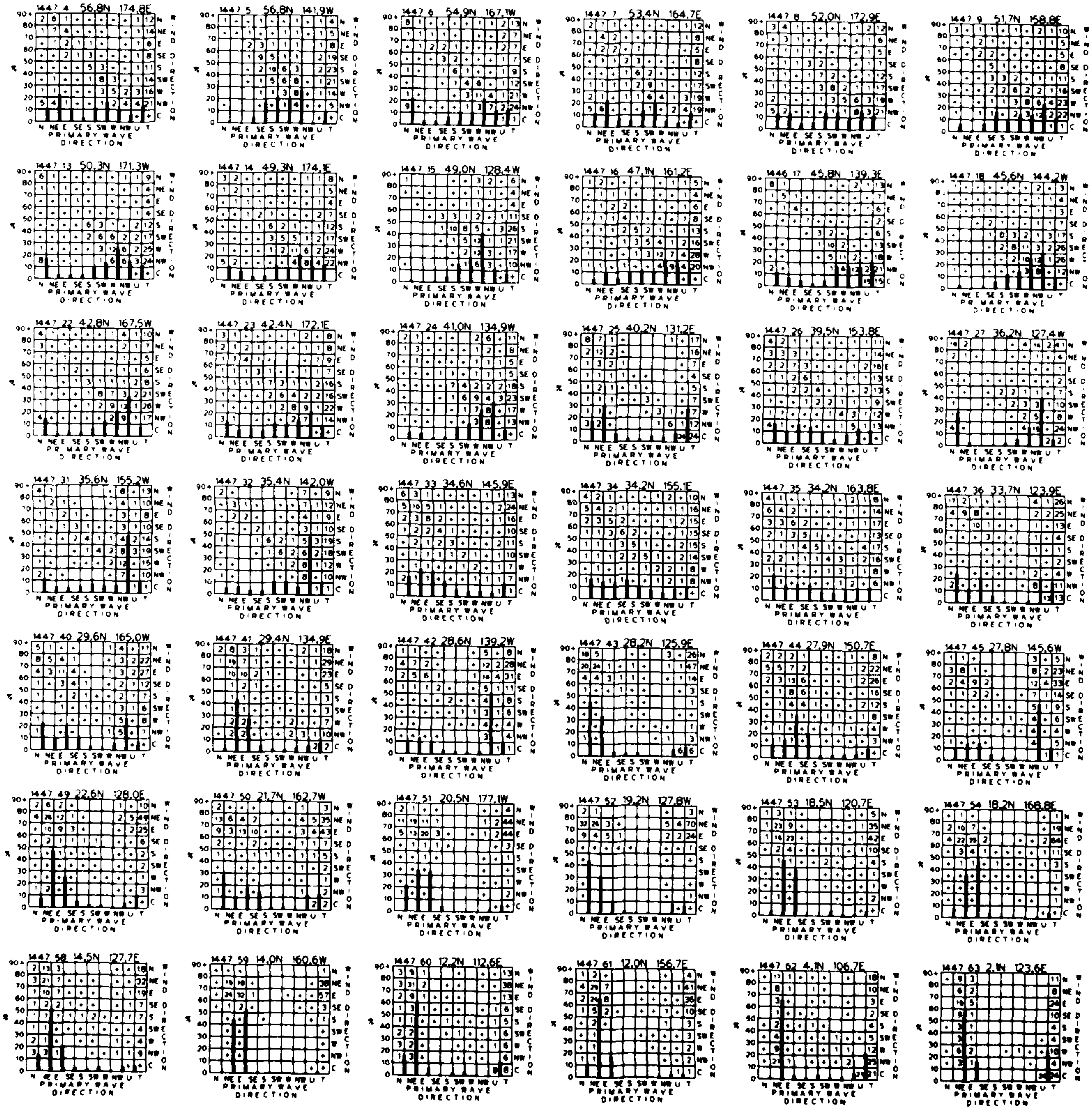
PRIMARY WAVE DIRECTION AND WIND DIRECTION



I AND WIND DIRECTION

OCTOBER



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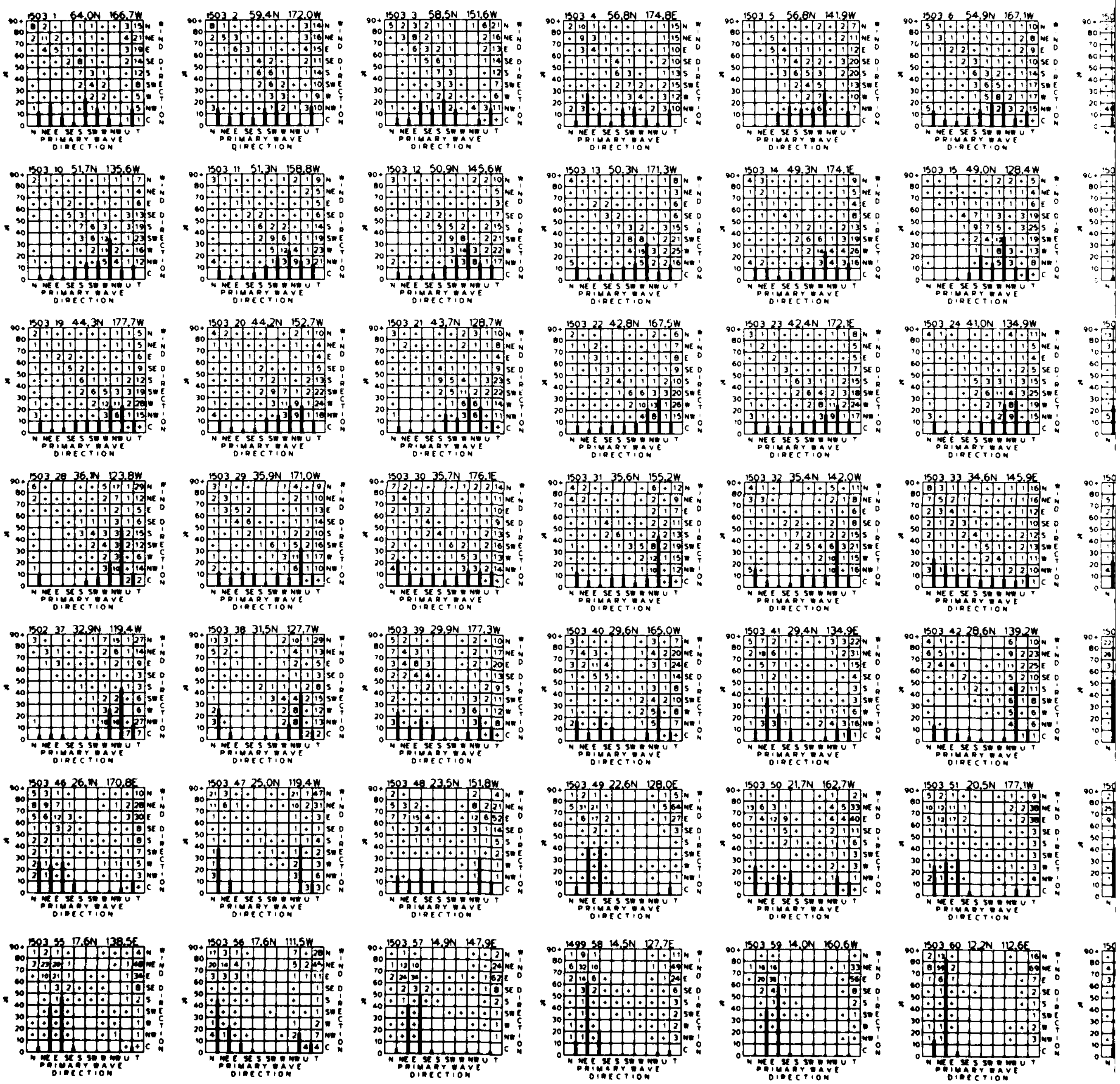
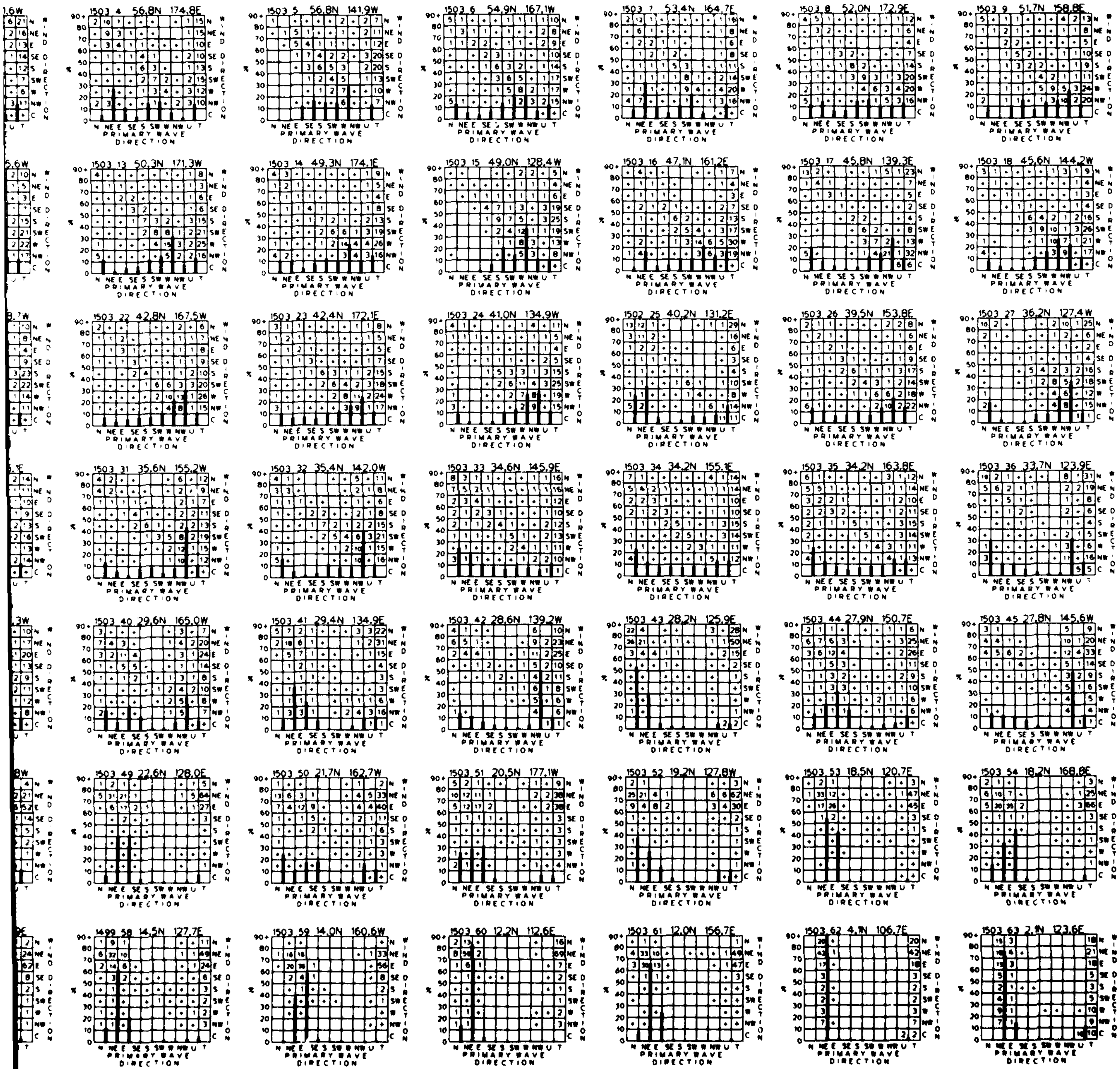
NOVEMBER

PRIMARY WAVE DIRECTIO



PRIMARY WAVE DIRECTION AND WIND DIRECTION



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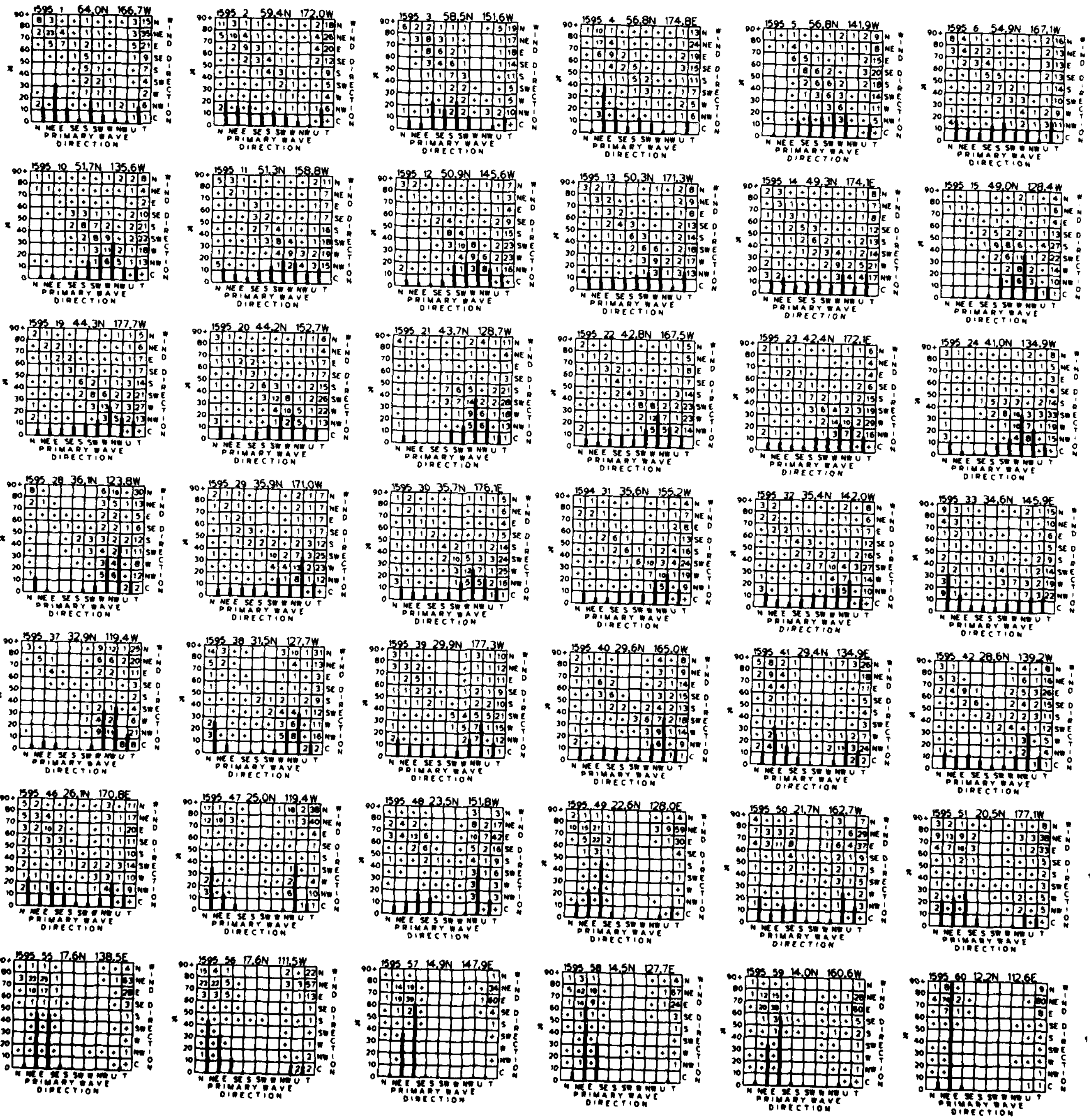
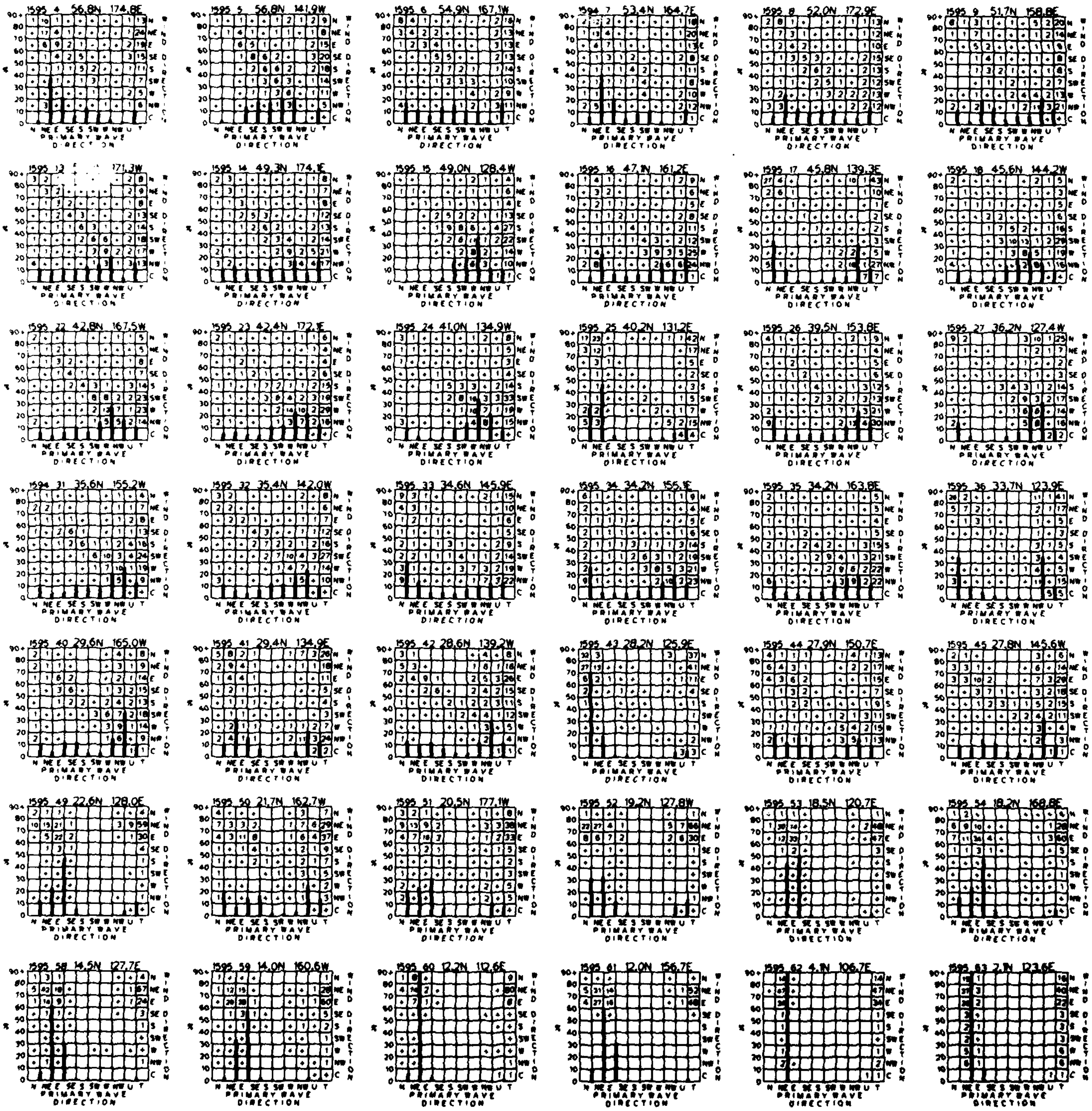
PRIMARY WAVE DIRECTION AND WIND DIRECTION

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171.3W
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1595 61 12.0N 156.7E
1595 62 4.1N 106.7E
1595 63 2.1N 123.6E
PRIMARY WAVE DIRECTION

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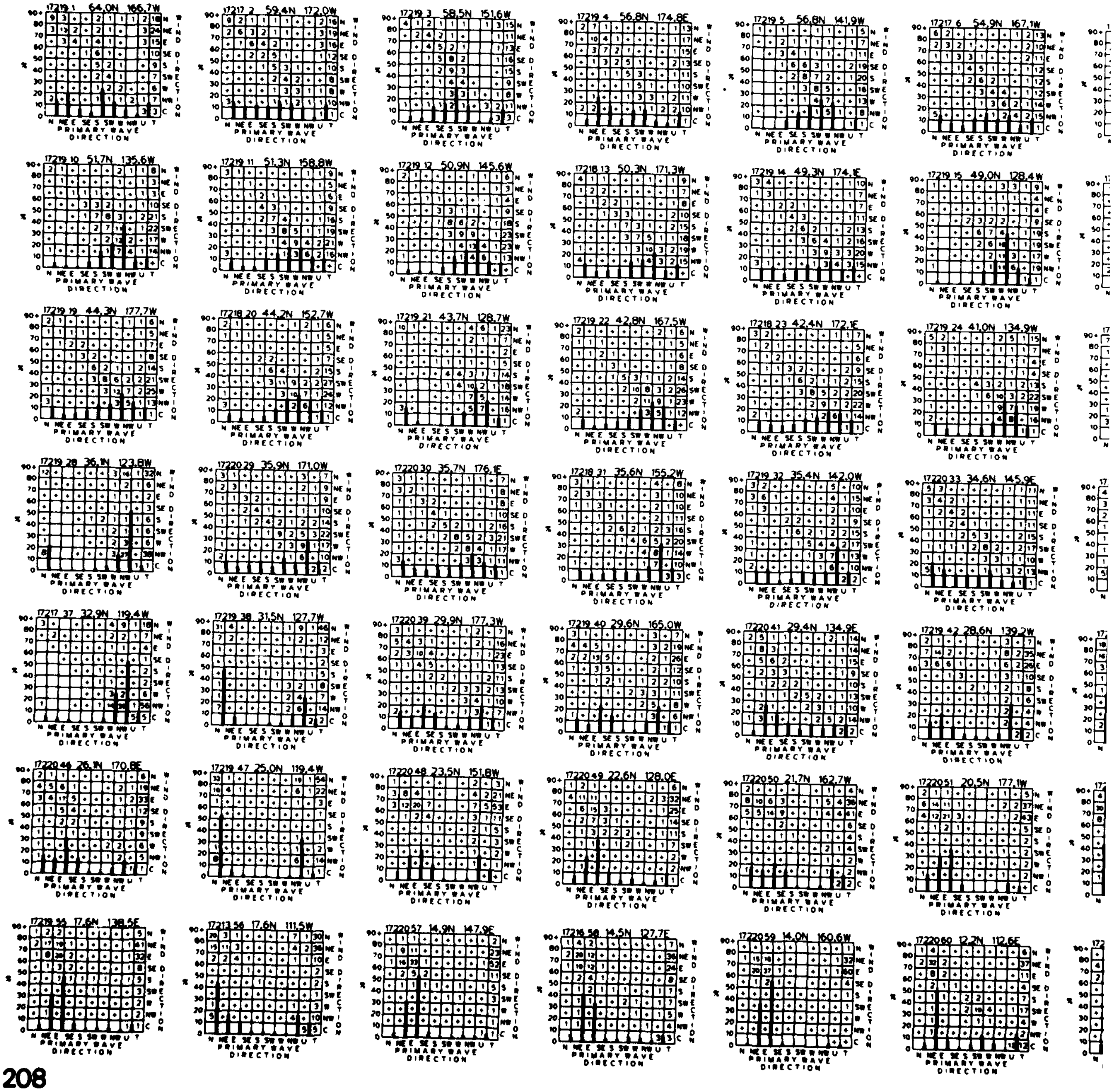
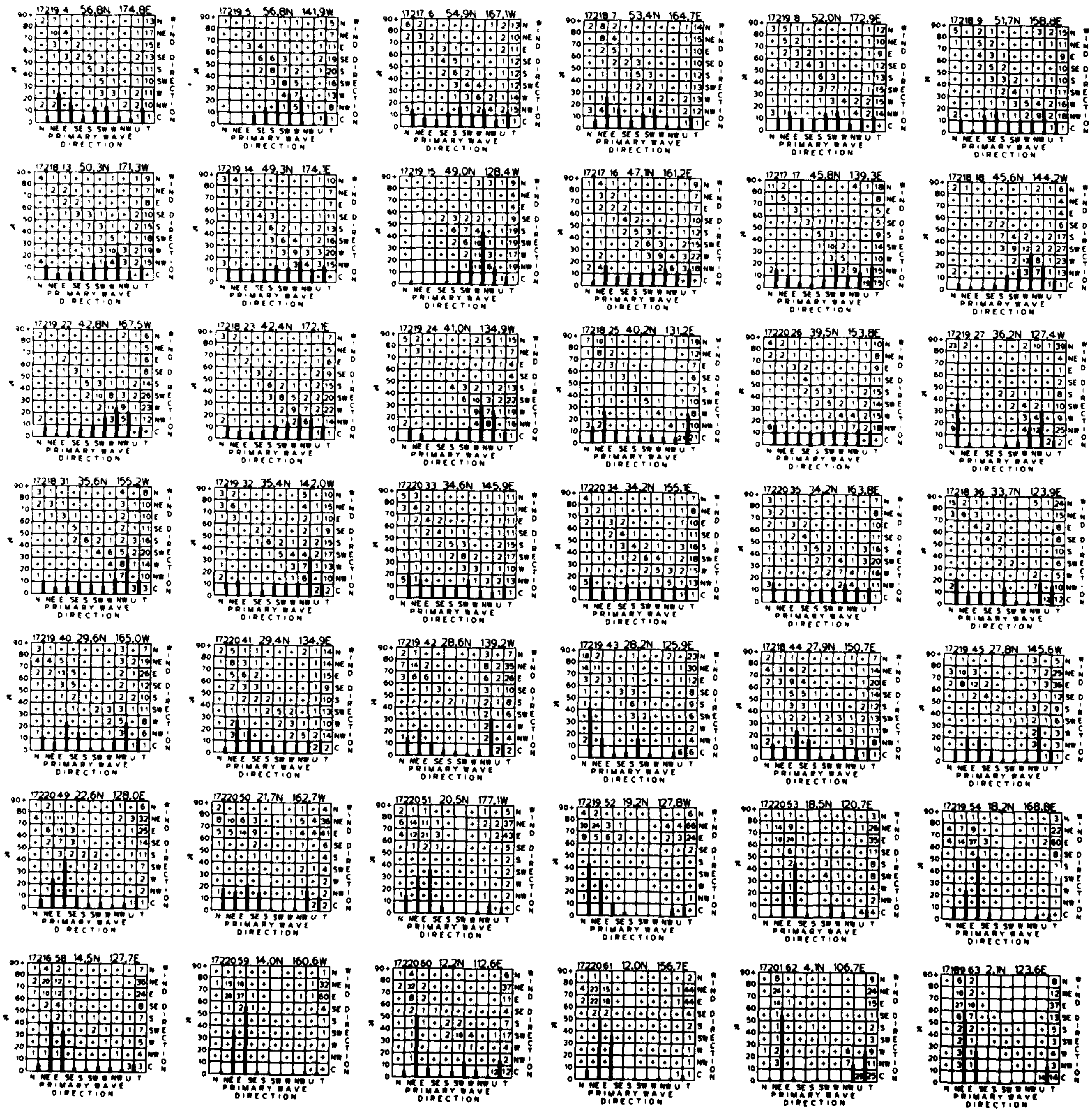
ANNUAL

PRIMARY WAVE DIRECTI



PRIMARY WAVE DIRECTION AND WIND DIRECTION



4

WIND SPEED DURATIONS

1 — 64.0N 166.7W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1															12-1	1	2	2	4333
≥48	5	3	3		1												30-1	12	25	25	4333
≥41	19	9	10	7	2	2											36-2	49	117	119	4333
≥34	32	10	13	14	13	7	12	5	2	2				1		2	108-1	113	465	469	4333
≥28	44	18	27	19	16	15	7	8	12	4	2	1	2	4		13	180-1	192	1047	1055	4334
≥22	33	28	23	21	15	13	12	21	10	10	4	7	2	5	3	31	312-1	238	1870	1897	4336
≥17	29	15	10	18	18	15	13	10	8	11	11	13	7	5	2	52	348-1	237	2650	2722	4349
≥11	17	16	13	12	7	10	7	4	7	5	6	5	3	4	4	74	888-1	194	3425	3588	4406
≥7	5	9	5	6	4	9	1	3	6	2	3	3	4	2	1	70	1314-1	133	3840	4282	4643
≥4	5	4	3	3		1	1		3	2	1			2		58	1332-1	83	4191	4796	4948

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1	2															12-2	3	5	5	4333
≥48	11	5	3	4								1					72-1	24	58	61	4333
≥41	16	11	17	9	4	3	2									1	126-1	63	198	202	4333
≥34	37	25	13	17	9	15	3	3	4	7		1		1		1	198-1	136	539	547	4333
≥28	31	37	29	19	18	15	13	8	7	3	7	6	5			7	210-1	205	[illegible]	1072	4334
≥22	33	31	29	25	21	17	16	12	16	6	10	7	3	7	2	24	246-1	259	1834	1868	4342
≥17	34	26	22	23	26	23	10	12	14	9	9	4	5	6	9	41	420-1	273	2504	2601	4350
≥11	22	12	10	14	8	12	9	13	15	9	8	5	4	3	9	71	462-1	224	3289	3568	4393
≥7	11	11	6	6	5	1	8	7	12	7	5	3	3	3	2	79	954-1	169	3733	4102	4478
≥4	3	2		1	2	1	5	1	3	4	3			3	1	62	1134-1	91	3897	[illegible]	4633

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	4	3	2														18-2	9	16	16	4333
≥48	22	12	12	7	5	4		1	1	1		1					72-1	66	198	200	4333
≥41	21	28	15	22	11	6	5	3	2	1	3			1		2	102-2	120	469	479	4333
≥34	46	23	18	17	19	14	10	14	6		4	2	4	1		6	180-2	184	914	928	4337
≥28	40	30	24	16	10	20	15	13	11	7	5	6	1	5	2	21	204-1	226	1503	1527	4339
≥22	33	27	26	17	22	15	13	12	11	5	7	3	3	6	3	48	312-1	251	2252	2294	4350
≥17	32	15	29	14	17	18	9	8	13	6	6	6	1	7	6	63	462-1	250	2875	2938	4362
≥11	15	11	5	14	8	11	5	5	14	1	5	4	8	3	5	81	582-1	195	3602	3679	4394
≥7	5	8	6	7	3	6	2	7	8	4	2	1	1	10	3	74	1062-1	147	4010	4124	4459
≥4	3	3	2	3	1	3	1	2	5	1	1		1	2	1	61	1362-1	90	4345	4655	4781

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	4	2	2														18-2	8	14	14	4333
≥41	19	11	5	3		2											36-2	40	80	80	4333
≥34	28	28	18	12	5	5	3		2								54-2	101	280	282	4333
≥28	50	26	19	25	18	13	8	2	4		1	3	2	1			84-1	172	622	638	4336
≥22	55	54	34	27	17	22	18	13	9	3	8	2		3	4	4	180-1	273	1239	[illegible]	4337
≥17	58	47	40	36	14	19	23	16	21	11	12	6	7	3	1	20	240-1	334	2008	2053	4350
≥11	27	26	32	39	24	14	18	15	9	10	9	10	8	5	3	64	276-3	313	3062	3174	4359
≥7	25	13	15	17	16	12	5	11	10	9	5	5	7	5	1	90	534-1	246	3673	[illegible]	4432
≥4	3	8	6	6	3	3	6	4	4	5	1	4	2	3	2	72	960-1	132	4015	4396	[illegible]

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	2																6-2	2	2	2	4333
≥48	11	6	8	2	1		1										42-1	29	67	67	4333
≥41	14	16	13	14	3	2	1	1					2				78-2	66	209	210	4333
≥34	36	34	23	12	20	13	1	3	2	2	1			2	1	1	102-1	151	539	541	4333
≥28	45	30	31	19	22	17	14	10	7	5	1	5	3	3		9	150-1	221	1098	1104	4333
≥22	33	30	36	24	17	14	21	12	11	11	10	7	1	4	4	24	402-1	259	1834	1851	4349
≥17	35	21	25	28	21	15	20	24	14	6	9	12	9	6	4	39	510-1	288	2575	2612	4368
≥11	32	13	21	9	16	18	11	11	13	8	10	8	6	5	5	76	576-1	262	3468	3523	4402
≥7	10	6	6	6	7	7	8	8	6	7	2	7	1	5		88	1062-1	174	4046	4162	4535
≥4	5	3	1		1	1	2	1	2	1	2		1			73	1332-1	93	4451	4596	4713

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	7	3															12-3	10	13	13	4333
≥48	18	12	12	6	2	1											36-1	51	118	118	4333
≥41	30	19	19	10	7	7	3	1		1							60-1	97	281	285	4334
≥34	52	45	14	23	18	9	9	7	4	1	1	1	1	1	1		90-1	187	650	656	4336
≥28	74	50	38	30	27	16	9	7	9	9	6	1	3	1	2	1	132-1	289	1222	1233	4337
≥22	50	37	41	35	21	21	13	12	6	15	10	8	5	4	5	30	240-1	313	2045	2084	4343
≥17	35	29	28	18	27	21	19	17	11	13	8	5	9	8	5	53	282-1	306	2781	2847	4364
≥11	31	11	6	10	12	15	7	12	8	15	6	8	6	3	6	90	450-1	246	3534	3658	4396
≥7	9	10	8	5	3	3	4	6	1	1	4	1	3	1	5	85	1086-1	149	3979	4145	4451
≥4	11	2	2	2	1		1	1			1		2	1	1	66	1410-1	91	4635	4953	5068

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1															12-1	1	2	2	4333
≥48	12	12	4	2													24-2	30	56	56	4333
≥41	41	20	6	6	7		1										42-1	81	165	167	4333
≥34	60	42	24	19	15	7	2	3	2	2	1						66-1	177	496	500	4333
≥28	76	57	38	28	17	17	9	4	3	7	6	2	3	1		2	96-2	270	970	991	4336
≥22	57	54	49	32	32	23	16	13	5	8	3	9	7	5	6	15	186-1	334	1757	1787	4345
≥17	53	36	30	19	31	20	16	13	14	14	8	11	10	2	7	43	240-1	327	2542	2583	4366
≥11	24	20	18	15	14	16	11	15	9	8	8	4	10	9	10	70	546-1	261	3444	3560	4419
≥7	11	6	7	14	7	9	3	8	8	8	4	3	1	5	3	84	600-1	181	3952	4123	4533
≥4	5	6	3	3	4	2	1		4	1	1	1	2	3	1	69	1650-1	106	4630	4963	5110

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1	1	1														18-1	3	6	6	4333
≥48	18	3	6	3	2	1	1										42-1	34	77	77	4335
≥41	37	22	15	9	7	2	2										42-2	94	223	223	4337
≥34	65	45	34	20	12	10	5	3	2	1	1	1			1		90-1	200	582	586	4342
≥28	75	45	37	30	22	17	16	14	6	5	1	4	2	3	2	4	156-1	283	1178	1189	4364
≥22	64	55	39	36	20	22	8	28	13	14	7	2	5	6	1	22	216-1	342	1963	2002	4368
≥17	59	47	37	31	28	20	19	11	12	14	11	8	11	11	4	41	252-1	364	2660	2730	4377
≥11	32	20	35	20	22	12	12	4	11	9	12	8	8	10	5	82	492-1	302	3651	3733	4511
≥7	10	8	10	11	7	10	7	4	6	10	5	4	8	2	3	86	948-2	191	4138	4265	4588
≥4	4	2	4	1	2	2	2	1	1	3	1		2		3	67	1416-1	95	4549	4918	5034

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	3	4332
≥48	11	11	3	2		1											36-1	28	56	59	4332
≥41	29	19	10	2	6	2	2										42-2	70	161	164	4332
≥34	52	41	15	17	6	7	5	2		1	1	2		1			84-1	150	429	441	4333
≥28	72	56	39	35	14	12	6	11	3	3		4	2		1	3	138-1	261	921	933	4345
≥22	70	72	36	29	37	17	19	19	10	5	6	8	3		3	13	210-1	347	1662	1705	4349
≥17	64	46	36	42	33	29	23	17	20	14	8	10	5	4	7	27	252-1	385	2467	2540	4359
≥11	38	25	15	25	18	19	12	17	13	18	13	9	11	3	7	71	444-1	314	3464	3615	4474
≥7	16	9	9	5	5	14	7	5	7	4	6	4	10	5	1	92	624-1	199	3970	4250	4598
≥4	7	1	2		1	1	4	2	2	1	4		3	4		64	1452-1	96	4009	4584	4693

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	5	1															12-1	6	7	7	4333
≥48	27	25	6	1	4	2											36-2	65	131	131	4334
≥41	41	29	15	13	6	3	2	1									48-1	110	266	273	4335
≥34	54	50	26	22	14	9	6	4	4	1	1	1					72-1	192	587	595	4335
≥28	83	48	48	34	20	19	10	7	11	6	7	3	1	1		3	138-1	301	1159	1174	4347
≥22	66	45	45	46	28	28	16	13	15	10	12	5	10	8	2	16	174-1	365	2026	2050	4357
≥17	40	29	37	34	24	26	18	16	15	10	8	8	11	10	5	49	354-1	340	2767	2813	4372
≥11	30	13	17	11	24	20	8	7	7	13	6	5	7	9	9	83	390-1	269	3527	3739	4492
≥7	14	13	6	6	2	8	8	4	6	3	8	3	5	3	9	80	708-1	178	3929	4244	4571
≥4	2	3	2	1	1	2	4	2	1	2	4	1	2	2	1	50	1650-1	80	4156	4721	4832

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1	2	2														18-2	5	11	11	4331
≥48	31	13	10	1	1	1											36-1	57	102	102	4331
≥41	43	31	28	8	5	4	1		1	1							60-1	122	296	296	4331
≥34	59	40	46	27	21	15	5	4	3	1	1	1	1				78-1	224	720	723	4336
≥28	75	61	38	38	35	26	16	10	8	5	4	6	2	2		2	96-2	328	1310	1348	4344
≥22	72	59	49	33	31	33	15	26	16	13	10	9	10	7	3	13	240-1	399	2166	2212	4348
≥17	53	40	41	30	31	26	15	18	17	18	15	11	8	15	4	45	246-1	387	2913	2985	4366
≥11	14	12	18	14	12	14	10	13	8	10	9	11	13	7	9	88	426-1	262	3615	3758	4384
≥7	4	3	6	3	4	5	5	6	3	3	3	3	7	4	2	90	1080-1	151	3940	4240	4507
≥4	2	1	1	4	1		1	3	2	1		1	1	2	1	54	1650-1	75	3954	4664	4747

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1	1	1														18-1	3	6	6	4333
≥48	12	3		1		3	1										42-1	20	47	47	4333
≥41	12	13	10	1	2	2	2	1	2	1	1						66-1	47	155	155	4333
≥34	23	21	14	10	13	2	2	3	4		3	2	2	1			84-1	100	395	395	4335
≥28	55	33	23	15	17	12	8	4	6	3	3	1	2	1	4	5	138-1	192	816	824	4337
≥22	76	48	41	25	27	13	17	14	8	7	4	5	3	1	2	17	348-1	308	1573	1586	4340
≥17	69	49	50	18	20	21	20	18	20	6	11	1	9	5	4	37	360-1	358	2446	2472	4351
≥11	37	20	27	22	15	20	20	6	12	10	12	4	11	7	5	74	372-2	302	3425	3505	4379
≥7	10	7	12	13	6	11	5	9	8	9	2	3	4	7	5	82	1080-1	193	3849	4054	4463
≥4	7	6	9	6	3	7	3	1	7	8	5	3	1	6	5	73	1080-1	150	3967	4277	4591

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	3	2		1													24-1	6	11	11	4336
≥48	35	13	6	4	2	2	1	1									48-1	64	132	134	4337
≥41	49	32	24	9	7	2	3		1	2							60-2	129	318	321	4340
≥34	83	48	45	21	21	8	8	5	2	2	2		1			1	114-1	247	739	746	4342
≥28	87	67	49	36	31	21	20	11	11	3	6	2		4		4	126-2	352	1375	1390	4352
≥22	73	55	51	39	30	23	31	17	13	7	8	16	7	4	3	17	300-1	394	2177	2209	4357
≥17	66	38	33	38	25	18	23	18	14	16	7	7	12	7	7	46	317-1	375	2893	2966	4428
≥11	35	27	19	20	18	15	15	13	12	9	10	7	6	3	9	84	480-1	302	3745	3864	4536
≥7	11	10	7	8	7	6	5	4	9	4	4	5	4	4	4	80	1080-1	172	4192	4428	4709
≥4	4	4	2	1	1	2		2	1	2	3	1	1	1	1	55	1260-1	81	4314	4951	5048

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	3	1															12-1	4	5	6	4332
≥48	16	6	3	2	2												30-2	29	55	57	4332
≥41	48	28	15	8	1	1	1		1	1							60-1	104	218	224	4333
≥34	88	46	31	28	18	9	2	1	4	2	1	1		1	1		90-1	233	659	665	4336
≥28	61	62	41	31	28	27	22	9	9	9	4	2	3	1	2	4	138-1	315	1355	1377	4358
≥22	64	58	25	23	30	25	20	13	14	12	13	7	7	5	5	26	312-1	347	2190	2228	4403
≥17	38	46	30	29	14	11	20	10	16	8	10	8	12	6	5	58	360-1	321	2949	3013	4431
≥11	24	13	12	14	13	7	10	7	4	6	3	6	8	6	2	89	612-1	224	3743	3953	4593
≥7	4	12	7	5	7	7	3	7		2	2	1	2	4		83	1050-1	146	4065	4506	4786
≥4	4	3	2	1	1	3	1	1	3				1		1	53	1608-1	74	4245	4893	4986

HOURS DURATION OF EVENTS

2 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	1	2															12-2	3	5	5	4331
>48	11	5	3	4								1					72-1	24	58	61	4331
>41	16	11	17	9	4	3	2									1	126-1	63	198	202	4331
>34	37	25	13	17	9	15	3	3	4	7		1		1		1	198-1	136	539	547	4331
>28	11	17	29	19	18	15	13	8	7	3	7	6	5			7	210-1	205	1061	1072	4334
>22	33	31	29	25	21	17	16	12	16	6	10	7	3	7	2	24	246-1	259	1834	1868	4342
>17	34	26	22	23	26	23	10	12	14	9	9	4	5	6	9	41	420-1	273	2504	2601	4350
>11	22	12	10	14	8	12	9	13	15	9	8	5	4	3	9	71	462-1	224	3289	3568	4393
>7	[illegible]	[illegible]	6	6	5	1	8	7	12	7	5	3	3	3	2	79	954-1	169	3733	4102	4478
>4	[illegible]	2		1	2	1	5	1	3	4	3			3	1	62	1134-1	91	3897	4501	4633

HOURS DURATION OF EVENTS

3 58.5N 151.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	2																6-2	2	2	2	4333
>48	5	4	3		1												30-1	13	27	27	4333
>41	17	11	6	2	3			1									48-1	40	88	88	4333
>34	35	28	22	14	11	4	1	1	1			1					72-1	118	328	328	4333
>28	45	32	32	21	21	11	5	10	3	4	2	2	2			2	126-1	192	755	756	4333
>22	51	33	46	35	26	19	18	19	9	9	5	4	5	3		11	180-1	293	1541	1547	4333
>17	39	37	31	34	34	22	14	13	16	8	6	7	6	9	7	31	354-1	314	2301	2360	4342
>11	34	29	19	14	20	15	18	14	8	7	10	6	7	7	4	66	522-1	278	3267	3355	4364
>7	16	13	14	13	7	6	6	6	9	7	4	6	7	3	2	87	720-1	206	3871	4005	4442
>4	3	4	6	2	4	2	1	3	1	1	1		1	2	1	67	1602-1	99	3938	4376	4507

HOURS DURATION OF EVENTS

5 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4333
>48	4	[illegible]	[illegible]														18-2	8	14	14	4333
>41	19	11	5	3		2											36-2	40	80	80	4333
>34	28	28	18	12	5	5	3		2								54-2	101	280	282	4333
>28	50	26	19	25	18	13	8	2	4		1	3	2	1			84-1	172	622	638	4336
>22	55	54	34	27	17	22	18	13	9	3	8	2		3	4	4	180-1	273	1239	1261	4337
>17	[illegible]	47	40	36	14	19	23	16	21	11	12	6	7	3	1	20	240-1	334	2008	2053	4350
>11	[illegible]	26	32	19	24	14	18	15	9	10	3	10	8	5	3	64	276-3	313	3062	3174	4359
>7	[illegible]	13	15	17	16	12	5	11	10	9	[illegible]	5	7	5	1	90	534-1	246	3673	3851	4432
>4	[illegible]	[illegible]	6	6	3	3	6	4	4	5	1	4	2	3	2	72	960-1	132	4015	4396	4601

HOURS DURATION OF EVENTS

6 54.9N 167.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	1																6-1	1	1	1	4331
>48	10	6	3														18-3	19	31	34	4332
>41	21	21	8	4	3												30-3	57	118	122	4333
>34	45	29	25	14	14	6	3	2	1			1					72-1	140	393	405	4333
>28	51	33	29	23	25	18	10	8	3	6	2	2	1	1		1	114-1	213	842	856	4334
>22	66	44	54	31	20	22	25	12	13	8	12	3	2	4	5	9	156-1	330	1633	1659	4336
>17	65	38	37	36	28	18	16	18	14	11	15	12	7	6	6	35	222-2	362	2449	2498	4366
>11	30	22	19	17	22	18	13	15	10	9	12	15	7	7	7	73	570-1	296	3482	3587	4462
>7	11	8	6	7	9	9	4	7	5	8	9	2	4	5	7	91	732-1	192	4011	4158	4524
>4	6		3		1	2	3	1	1	3	1		1	2		69	1602-1	93	4178	4646	4765

HOURS DURATION OF EVENTS

8 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	[illegible]	[illegible]															12-3	10	13	13	4333
>48	18	12	12	6	2	1											36-1	51	118	118	4333
>41	30	19	19	10	7	7	3	1		1							60-1	97	281	285	4334
>34	52	45	14	23	18	9	9	7	4	1	1	1	1	1	1		90-1	187	650	656	4336
>28	74	50	38	30	27	16	9	7	9	9	6	1	3	1	2	7	132-1	289	1222	1233	4337
>22	50	37	41	35	21	21	13	12	6	15	10	8	5	4	5	30	240-1	313	2045	2084	4343
>17	35	29	28	18	27	21	19	17	11	13	8	5	9	8	5	53	282-1	306	2781	2847	4364
>11	31	11	6	10	12	15	7	12	8	15	6	8	6	3	6	90	450-1	246	3534	3658	4396
>7	9	10	8	5	3	3	4	6	1	1	4	1	3	1	5	85	1086-1	149	3979	4145	4451
>4	11	2	2	2	1		1	1			1		2	1	1	66	1410-1	91	4635	4953	5068

HOURS DURATION OF EVENTS

9 51.7N 158.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	3																6-3	3	3	3	4332
>48	11	5	4	4	1												30-1	25	54	55	4332
>41	19	12	10	11	3	5		1									48-1	61	170	172	4332
>34	42	39	19	19	13	6	4	4	1	1	1	1	1				78-1	151	469	474	4335
>28	44	41	34	36	21	19	8	8	5	9	4	1	3	3	2		90-2	238	1013	1025	4337
>22	48	32	37	24	35	25	26	14	8	6	5	5	4	4	4	17	216-1	294	1729	1752	4346
>17	26	40	29	29	23	23	22	19	15	12	11	7	6	10	5	39	354-1	316	2569	2600	4385
>11	21	10	15	16	19	9	11	12	10	16	7	8	7	5	9	82	564-1	257	3538	3621	4414
>7	6	7	3	3	2	4	6	7	3	7		2	4	6	7	85	798-1	152	3890	4137	4468
>4	7	4	1	2	2	1	1	1		2	1	1	1	1	3	56	1038-1	84	3936	4596	4720

HOURS DURATION OF EVENTS

11 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	1	1	1														18-1	3	6	6	4333
>48	18	3	6	3	2	1	1										42-1	34	77	77	4335
>41	37	22	15	9	7	2	2										42-2	94	223	223	4337
>34	65	45	34	20	12	10	5	3	2	1	1	1			1		90-1	200	582	586	4342
>28	75	45	37	30	22	17	16	14	6	5	1	4	2	3	2	4	156-1	283	1178	1189	4364
>22	64	55	39	36	20	22	8	28	13	14	7	2	5	6	1	22	216-1	342	1963	2002	4368
>17	59	47	37	31	28	20	19	11	12	14	11	8	11	11	4	41	252-1	364	2660	2730	4377
>11	32	20	35	20	22	12	12	4	11	9	12	8	8	10	5	82	492-1	302	3651	3733	4511
>7	10	8	10	11	7	10	7	4	6	10	5	4	8	2	3	86	948-2	191	4138	4265	4588
>4	4	2	4	1	2	2	2	1	1	3	1		2		3	67	1416-1	95	4549	4918	5034

HOURS DURATION OF EVENTS

12 50.9N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4333
>48	14	6	4	1													24-1	25	42	42	4333
>41	31	27	18	5	3	1											36-1	85	180	187	4333
>34	59	34	33	17	16	10	5		2	1	1	1	1				78-1	180	533	542	4333
>28	67	46	37	24	27	19	13	10	7	8	4	3	1	3	1	4	114-1	274	1149	1162	4345
>22	63	38	37	28	24	21	16	12	12	11	5	10	5	6	4	29	204-1	321	1965	1987	4354
>17	55	42	36	25	22	16	19	8	14	9	11	7	8	3	5	56	252-1	336	2701	279[illegible]	4355
>11	19	16	10	21	12	12	15	9	8	5	11	4	5	1	5	85	540-1	238	3654	3811	4479
>7	16	8	8	6	5	4	4	6	1	6	7	3	2	2	1	78	654-1	157	3979	4221	4497
>4	2	3	2	1	3	2	2	2	2	2	1		3	1	1	56	1266-1	83	4302	4739	4842

HOURS DURATION OF EVENTS

14 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	5	1															12-1	6	7	7	4333
>48	27	25	6	1	4	2											36-2	65	131	131	4334
>41	41	29	15	13	6	3	2	1									48-1	110	266	273	4335
>34	54	50	26	22	14	9	6	4	4	1	1	1					72-1	192	587	595	4335
>28	83	48	48	34	20	19	10	7	11	6	7	3	1	1		3	138-1	301	1159	1174	4347
>22	66	45	45	46	28	28	16	13	15	10	12	5	10	8	2	16	174-1	365	2026	2050	4357
>17	40	29	37	34	24	26	18	16	15	10	8	8	11	10	5	49	354-1	340	2767	2813	4372
>11	30	13	17	11	24	20	8	7	7	13	6	5	7	9	9	83	390-1	269	3527	3739	4492
>7	14	13	6	6	2	8	8	4	6	3	8	3	5	3	9	80	708-1	178	3929	4244	4571
>4	2	3	2	1	1	2	4	2	1	2	4	1	2	2	1	50	1650-1	80	4156	4721	4832

HOURS DURATION OF EVENTS

15 49.0N 128.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4333
>48	12	5	2														18-2	19	28	28	4333
>41	34	11	7	2	1	1	1										42-1	57	103	103	4333
>34	41	31	24	10	5	6	4	1	1			1					72-1	124	333	333	4333
>28	47	42	36	30	19	9	8	8	3	3						1	108-1	206	703	705	4338
>22	65	53	36	38	23	17	16	17	4	9	8	3	7	2	1	7	168-1	306	1413	1429	4341
>17	57	44	31	41	23	21	18	15	12	18	4	6	9	6	2	29	252-1	336	2205	2242	4364
>11	32	25	26	23	19	14	15	14	8	9	10	8	9	3	10	68	384-1	293	3306	3381	4450
>7	15	15	9	17	8	10	5	10	7	3	5	10	2	6	2	84	804-1	208	3967	4076	4572
>4	3	1	3	4	3	2	2	6	5	5	5	1	2	4		64	1668-1	110	4313	4557	4723

HOURS DURATION OF EVENTS

17 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	1	1	1														18-1	3	6	6	4333
>48	12	3		1		3	1										42-1	20	47	47	4333
>41	12	13	10	1	2	2	2	1	2	1	1						66-1	47	155	155	4333
>34	23	21	14	10	13	2	2	3	4		3	2	2	1			84-1	100	395	395	4335
>28	55	33	23	15	17	12	8	4	6	3	3	1	2	1	4	5	138-1	192	816	824	4337
>22	76	48	41	25	27	13	17	14	8	7	4	5	3	1	2	17	348-1	308	1573	1586	4340
>17	69	49	50	18	20	21	20	18	20	6	11	1	9	5	4	37	360-1	358	2446	2472	4351
>11	37	20	27	22	15	20	20	6	12	10	12	4	11	7	5	74	372-2	302	3425	3505	4379
>7	10	7	12	13	6	11	5	9	8	9	2	3	4	7	5	82	1080-1	193	3849	4054	4463
>4	7	6	9	6	3	7	3	1	7	8	5	3	1	6	5	73	1080-1	150	3967	4277	4591

HOURS DURATION OF EVENTS

18 45.6N 144.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	1																6-1	1	1	2	4332
>48	10	8	2	1													24-1	21	36	39	4332
>41	35	20	17	6	4	1											36-1	83	176	180	4332
>34	57	38	25	18	13	10	8	2	3	4							60-4	178	544	559	4333
>28	65	46	39	35	19	20	16	6	6	8	3	3	4	2	1	3	252-1	276	1165	1184	4340
>22	63	41	32	25	35	24	22	10	14	16	7	12	10	5	4	17	300-1	337	2059	2104	4343
>17	54	22	25	18	23	17	17	11	19	11	4	9	5	13	6	58	390-1	312	2917	3000	4392
>11	17	13	16	7	7	9	9	11	7	8	5	5	9	2	2	83	696-1	210	3701	3932	4478
>7	4	2	7	4		2	4	3	2	3	5	2	1	2	1	75	1188-1	117	4152	4512	4738
>4	2		3	1	1	2	1		1	1				1		49	SEA-1	62	4393	4880	4960

HOURS DURATION OF EVENTS

20 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	3	1															12-1	4	5	6	4332
>48	16	6	3	2	2												30-2	29	55	57	4332
>41	48	28	15	8	1	1	1		1	1							60-1	104	218	224	4333
>34	88	46	31	28	18	9	2	1	4	2	1	1		1	1		90-1	233	659	665	4336
>28	61	62	41	31	28	27	22	9	9	9	4	2	3	1	2	4	138-1	315	1355	1377	4358
>22	64	58	25	23	30	25	20	13	14	12	13	7	7	5	5	26	312-1	347	2190	2228	4403
>17	38	46	30	29	14	11	20	10	16	8	10	8	12	6	5	58	360-1	321	2949	3013	4431
>11	24	13	12	14	13	7	10	7	4	6	3	6	8	6	2	89	612-1	224	3743	3953	4593
>7	4	12	7	5	7	7	3	7		2	2	1	2	4		83	1050-1	146	4065	4506	4786
>4	4	3	2	1	1	3	1	1	3				1		1	53	1608-1	74	4245	4893	4986

HOURS DURATION OF EVENTS

21 43.7N 128.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	1																6-1	1	1	1	4333
>48	16	6	4			1											36-1	27	46	46	4333
>41	28	15	11	2	1	1		2									48-2	60	126	126	4333
>34	38	21	27	7	10	5	1	1		1			1			1	102-1	113	324	324	4333
>28	51	38	41	24	11	12	10	5	3	1	3		1			3	138-1	203	723	728	4334
>22	55	42	38	21	28	18	20	17	11	8	7	4	4	3	3	8	222-1	287	1479	1499	4349
>17	55	34	45	26	17	13	15	14	17	10	11	11	8	4	8	28	246-1	316	2184	2248	4356
>11	31	21	22	15	9	17	15	11	14	15	5	6	9	6	3	72	438-1	271	3279	3357	4411
>7	20	8	8	10	2	5	6	3	5	4	7	2	7	3	6	89	840-1	185	3953	4106	4552
>4	5	2	3	3	2	2	3	2	2	1	2	2	5	2	1	75	1242-1	112	4307	4521	4699

HOURS DURATION OF EVENTS

2

WINTER

WIND SPEE

22 42.8N 167.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	16	8	4	1	1												30-1	30	53	53	4333
≥41	25	22	9	9	5		1										42-1	71	164	165	4337
≥34	71	56	35	17	12	10	6	3		1							60-1	211	552	557	4338
≥28	72	56	49	45	19	22	13	5	4	7	3		4	2	3	2	126-1	306	1173	1187	4346
≥22	89	58	47	37	30	33	19	21	3	12	7	6	5	3	5	21	246-1	396	2077	2107	4378
≥17	48	41	38	23	39	21	25	23	15	9	8	10	5	14	2	45	378-1	366	2938	2997	4421
≥11	20	18	16	18	15	17	13	8	9	8	5	6	7	13	7	78	702-1	258	3723	3869	4526
≥7	13	4	6	2	9	5	9	2	5	6	3	1	4	6	5	79	774-1	159	3994	4389	4675
≥4	3	4	3	1		2	1	2	1	2	2					62	1662-1	83	4354	4856	4957

HOURS DURATION OF EVENTS

23 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	4	1	1														18-1	6	9	11	4332
≥48	28	20	8		3		1										42-1	60	114	127	4332
≥41	59	38	21	7	3	1	1	2	3								54-3	135	297	313	4332
≥34	70	46	35	37	11	12	8	4	1	3	1	2					72-2	230	704	724	4334
≥28	90	55	44	50	31	21	13	10	3	8	6	2	1	1		5	138-1	340	1308	1336	4337
≥22	71	57	59	51	25	31	20	19	16	11	9	8	9	3	5	11	150-1	405	2057	2154	4352
≥17	65	41	49	34	36	31	23	20	17	10	9	6	7	9	9	41	258-1	407	2782	2940	4392
≥11	26	25	28	23	25	23	12	14	12	10	13	3	5	8	8	73	324-1	308	3550	3786	4445
≥7	10	11	5	11	10	15	7	3	4	7	8	3	2	3	4	83	564-1	186	3958	4254	4529
≥4	1	1	1	2	1	1	1	1		4	2					60	1584-1	75	4383	4953	5031

HOURS DURATION OF EVENTS

25 40.2N 131.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	2	1															12-1	3	4	4	4333
≥41	1	4	3														18-3	8	18	18	4333
≥34	14	11	10	2	1	2											36-2	40	91	91	4333
≥28	37	30	14	17	10	7	2	2	2		1						66-1	122	358	360	4334
≥22	79	57	27	19	12	13	12	7	2	4	5	3	1	1		6	144-1	248	920	925	4335
≥17	67	57	54	35	29	15	11	10	9	9	6	8	8	2	4	11	156-1	335	1629	1653	4346
≥11	58	42	51	35	30	20	22	17	22	13	10	6	7	3	8	47	312-1	391	2846	2895	4368
≥7	32	21	21	24	22	21	8	12	9	12	10	8	8	8	7	77	654-1	300	3628	3720	4430
≥4	12	3	7	11	11	10	8	8	4	1	4	7	3	7	3	87	888-1	196	3919	4117	4480

HOURS DURATION OF EVENTS

26 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64			1														18-1	1	3	3	4334
≥48	21	7	1						1								54-1	30	47	49	4335
≥41	30	22	6	4	2	1				1							60-1	66	134	137	4335
≥34	61	47	26	11	8	4	2	2	1			1					72-1	163	392	395	4336
≥28	82	59	59	29	22	9	7	2	4	5	1	2					72-2	281	843	848	4336
≥22	94	77	68	44	42	20	15	10	7	9	7	8	4	1	1	3	168-1	410	1614	1646	4355
≥17	71	81	72	49	47	31	27	17	17	17	10	12	8	5	5	11	180-1	480	2415	2463	4369
≥11	37	47	34	43	34	28	19	22	19	17	12	12	11	13	11	55	360-1	414	3426	3518	4415
≥7	17	14	16	18	8	11	11	6	12	17	5	4	8	7	10	95	492-1	259	3933	4102	4505
≥4	2	8	4	3	1	3	2	3	1	4	4	1	2	1	2	71	1854-1	112	4063	4520	4650

HOURS DURATION OF EVENTS

28 36.1N 123.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	1																6-1	1	1	1	4333
≥41	5	1	2														18-2	8	13	13	4333
≥34	16	11	5	1	2												30-2	35	67	67	4333
≥28	39	19	12	17	6	1	3		1								54-1	98	247	247	4333
≥22	50	32	36	19	16	9	5	3	5	3	3	3	2	1	1		90-1	188	690	693	4334
≥17	75	55	26	25	27	24	20	12	9	7	2	4	5	2	2	10	132-2	305	1410	1415	4348
≥11	77	27	35	18	27	20	24	18	13	17	15	5	6	10	7	44	378-1	363	2829	2848	4424
≥7	48	17	15	12	12	11	9	12	8	4	14	11	7	8	7	72	798-1	267	3619	3776	4483
≥4	22	6	11	3	4	6	4	6	6	1	2	6	5	1	3	74	1434-1	160	4377	4618	4877

HOURS DURATION OF EVENTS

29 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	2																6-2	2	2	2	4334
≥48	16	4	2	1	1												30-1	24	39	39	4334
≥41	32	16	6	4	2	1	1										42-1	62	121	121	4334
≥34	57	33	34	10	3	4	1		1	1		2					72-2	146	354	355	4334
≥28	76	50	36	40	18	11	12	3	3	3	1	2	1	1	1	1	138-1	259	865	871	4337
≥22	84	49	50	34	30	15	14	14	9	12	6	5	4	5		13	240-1	344	1654	1673	4337
≥17	82	46	35	30	31	20	20	12	10	11	10	8	11	4	3	33	432-1	366	2409	2462	4339
≥11	30	32	25	24	20	17	9	13	15	6	9	7	6	4	5	65	576-1	287	3185	3471	4354
≥7	24	17	10	6	11	5	9	4	6	6	3	9	5	3	3	75	966-1	196	3620	4041	4414
≥4	2	3	6	3	3	4		2	1	3	2	2	1	1	2	62	1344-1	97	3958	4524	4647

HOURS DURATION OF EVENTS

31 35.6N 155.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	9	3	1														18-1	13	18	18	4333
≥41	25	11	8	2		1	1										42-1	48	92	92	4333
≥34	60	29	16	9	4	7	1	2	2		1		1				78-1	132	329	329	4333
≥28	52	54	43	23	14	9	8	5	4	5		2		2		1	108-1	222	757	763	4333
≥22	46	41	49	35	20	21	13	12	9	13	5	1	4	4	2	11	192-1	286	1484	1497	4333
≥17	60	36	32	29	35	25	14	10	10	14	6	8	9	1	4	30	600-1	323	2271	2307	4339
≥11	44	22	12	18	24	12	14	20	12	8	15	9	2	5	7	63	792-1	287	3273	3321	4347
≥7	25	7	9	6	15	5	9	9	10	2	4	7	8	2	5	81	792-1	204	3739	3957	4403
≥4	9	2	3	5	8	8	2	3	5	1	2	1	1	1	5	75	780-1	131	3882	4408	4609

HOURS DURATION OF EVENTS

32 35.4N 142.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	1	3															12-3	4	7	7	4333
≥41	15	6	2	1	1												30-1	25	42	42	4333
≥34	40	20	6	11	5	3	3										42-3	88	206	206	4333
≥28	57	29	28	16	9	11	2	4	4	3		2	1			2	120-1	168	559	559	4333
≥22	56	35	20	28	19	18	10	11	10	6	6	3	3	1	3	10	264-1	239	1240	1245	4335
≥17	64	31	39	23	23	8	16	11	17	7	10	4	9		6	29	324-1	297	2010	2027	4337
≥11	32	17	18	13	23	12	16	13	10	12	6	6	5	3	8	67	636-1	261	3139	3201	4348
≥7	22	8	4	9	6	7	2	7	9	6	4	3	4	4	3	79	726-1	177	3593	3917	4444
≥4	7	5	2	3	4	3	3	2	4	3	2	3		4		60	912-1	105	3632	4390	4589

HOURS DURATION OF EVENTS

34 34.2N 155.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48	3		1														18-1	4	6	6	4334
≥41	13	2	3														18-3	18	26	26	4334
≥34	48	20	7	6	3		1										42-1	85	155	159	4334
≥28	87	45	22	17	10	6	2	2		1		1					72-1	193	449	459	4336
≥22	108	70	51	24	26	19	12	7	1	2	2	3	1	2	2	1	102-1	329	1054	1078	4337
≥17	102	84	67	56	38	26	23	13	13	5	9	2	6		6	8	144-1	458	1912	1947	4347
≥11	53	37	38	39	46	32	26	21	20	9	14	5	11	8	7	47	300-2	413	3097	3174	4375
≥7	21	20	20	13	15	21	18	24	13	15	15	5	9	8	12	78	582-1	307	3774	3924	4476
≥4	9	8	6	3	1	7	5	7	5	6	6	1	1	5	2	79	804-1	151	3964	4434	4611

HOURS DURATION OF EVENTS

35 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48	5	1		1													24-1	7	11	11	4334
≥41	18	3	3	2													24-2	26	41	41	4334
≥34	53	26	14	6	3	4											36-4	106	210	211	4334
≥28	92	53	28	26	10	10	5	3	3	1		1					72-1	232	604	611	4334
≥22	112	87	53	51	21	20	10	14	7	8	5	3	2	1	1	2	138-1	397	1384	1416	4334
≥17	76	52	69	53	39	33	21	19	11	10	10	7	6	2	5	20	204-1	433	2267	2327	4338
≥11	35	27	31	25	25	30	28	24	19	15	12	10	4	11	8	55	528-1	359	3327	3436	4377
≥7	14	7	13	11	6	16	14	10	18	7	9	5	3	4	9	82	816-1	228	3871	4032	4415
≥4	3	3	4	2	2	2	2	2	5	2	3	2		2	2	73	1086-1	109	3751	4379	4505

HOURS DURATION OF EVENTS

37 32.9N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48																					4333
≥41																					4333
≥34	2																6-2	2	2	2	4333
≥28	19	9	2	3													24-3	33	55	55	4333
≥22	48	16	11	11	7	1	2	2		2							60-2	100	248	248	4335
≥17	88	43	30	22	11	13	8	4	2	6	1		1	4		2	114-1	235	768	768	4355
≥11	92	51	45	23	27	32	21	9	14	14	12	4	3	7	6	22	306-1	382	2154	2158	4391
≥7	90	32	31	12	16	11	13	9	11	12	4	7	6	9	5	74	582-1	342	3350	3395	4458
≥4	55	24	16	5	6	8	12	4	9	5	5	6	7		3	76	1218-1	241	3968	4192	4700

HOURS DURATION OF EVENTS

38 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	1																6-1	1	1	1	4333
≥41	3	2															12-2	5	7	7	4333
≥34	8	6	3														18-3	17	29	29	4333
≥28	24	11	11	6	1	1	2										42-2	56	128	130	4333
≥22	50	19	20	12	15	7	3	2	1		2	1	1		1		90-1	134	421	424	4333
≥17	74	33	18	30	19	18	6	10	8	2	4		1	4	3	8	132-1	238	1038	1047	4342
≥11	80	36	29	12	25	16	17	18	14	9	14	4	5	5	6	41	312-1	331	2384	2407	4384
≥7	58	25	22	14	9	13	14	7	9	8	8	9	7	4	4	75	636-1	286	3523	3556	4473
≥4	24	9	9	6	6	4	2	6	9	6	5	5	3	4	3	79	1440-1	180	4083	4403	4742

HOURS DURATION OF EVENTS

40 29.6N 165.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	[illegible]	1															12-1	4	5	5	4333
≥41	7	3		1	1												30-1	12	22	22	4333
≥34	23	9	5	2	2	1		1									48-1	43	88	88	4333
≥28	38	24	12	10	9	1	3	1	2	1	1						66-1	102	281	281	4333
≥22	58	45	25	24	15	11	8	7	2	3	2	2	2	1	2	2	156-1	209	778	786	4333
≥17	77	42	49	19	23	11	9	9	15	11	4	1	8	1	4	14	330-1	297	1527	1548	4335
≥11	73	24	25	29	20	19	14	25	11	16	6	4	8	3	4	48	420-1	329	2864	2942	4398
≥7	27	16	19	7	11	12	8	10	15	8	12	10	2	6	4	71	630-1	238	3562	3882	4466
≥4	8	5	1	2	5	3	1	2	2	2	9	3	1	2		67	984-1	113	3788	4339	4515

HOURS DURATION OF EVENTS

41 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48	1																6-1	1	1	1	4334
≥41	1																6-1	1	1	1	4334
≥34	8	1															12-1	9	10	10	4334
≥28	23	11	7	1	1												30-1	43	75	75	4334
≥22	47	29	15	11	4	5	1		1	2			1				78-1	116	293	293	4334
≥17	89	60	39	28	16	5	12	4	5	1	3	1			1	1	120-1	265	799	800	4335
≥11	96	55	41	34	34	37	23	14	9	13	11	7	7	7	4	21	198-1	413	2223	2255	4382
≥7	48	26	36	30	19	20	18	16	11	8	7	11	12	8	11	68	366-1	349	3399	3466	4467
≥4	16	11	4	8	13	7	8	4	6	8		6	3	9	5	91	804-1	199	4028	4247	4601

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

167.5W		
		4333
53	53	4333
164	165	4337
552	557	4338
1173	1187	4346
2077	2107	4378
2938	2997	4421
3723	3869	4526
3994	4389	4675
4354	4856	4957
T	T*	TH

131.2E		
		4333
4	4	4333
18	18	4333
91	91	4333
358	360	4334
920	925	4335
1629	1653	4346
2846	2895	4368
3628	3720	4430
1919	4117	4480
T	T*	TH

123.8W		
		4333
		4333
13	13	4333
67	67	4333
247	247	4333
690	693	4334
1410	1415	4348
2829	2848	4424
3619	3776	4483
4377	4618	4877
T	T*	TH

155.2W		
		4333
18	18	4333
92	92	4333
329	329	4333
757	763	4333
1484	1497	4333
2271	2307	4339
3273	3321	4347
3739	3957	4403
3882	4408	4609
T	T*	TH

155.1E		
		4334
6	6	4334
26	26	4334
155	159	4334
449	459	4336
1054	1078	4337
1912	1947	4347
3097	3174	4375
3774	3924	4476
3964	4434	4611
T	T*	TH

119.4W		
		4333
		4333
		4333
2	2	4333
55	55	4333
248	248	4335
768	768	4355
2154	2158	4391
3350	3395	4458
3968	4192	4700
T	T*	TH

165.0W		
		4333
5	5	4333
22	22	4333
88	88	4333
281	281	4333
778	786	4333
1527	1548	4335
2964	2942	4398
3562	3882	4466
3788	4339	4515
T	T*	TH

23 — 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	4	1	1														18-1	6	9	11	4332
≥48	28	20	8		3		1										42-1	60	114	127	4332
≥41	59	38	21	7	3	1	1	2	3								54-3	135	297	313	4332
≥34	70	46	35	37	11	12	8	4	1	3	1	2					72-2	230	704	724	4334
≥28	90	55	44	50	31	21	13	10	3	8	6	2	1	1		5	138-1	340	1308	1336	4337
≥22	71	57	59	51	25	31	20	19	16	11	9	8	9	3	5	11	150-1	405	2057	2154	4352
≥17	65	41	49	34	36	31	23	20	17	10	9	6	7	9	9	41	258-1	407	2782	2940	4392
≥11	26	25	28	23	25	23	12	14	12	10	13	3	5	8	8	73	324-1	308	3550	3786	4445
≥7	10	11	5	11	10	15	7	3	4	7	8	3	2	3	4	83	564-1	186	3958	4254	4529
≥4	1	1	1	2	1	1	1	1		4	2					60	1584-1	75	4383	4953	5031

HOURS DURATION OF EVENTS

24 — 41.0N 134.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	8	1	3														18-3	12	19	19	4333
≥41	21	13	6	3	1			1									48-1	45	90	90	4333
≥34	48	28	20	12	8	4	2	2		1							60-1	125	316	316	4334
≥28	59	39	34	21	20	15	8	6	4		2	2	1		1	2	108-1	214	762	764	4336
≥22	60	48	35	31	24	17	15	15	13	9	8	4	4	4	1	12	216-1	300	1547	1561	4344
≥17	49	27	33	27	20	23	20	7	10	6	12	7	5	6	7	46	324-1	305	2390	2414	4358
≥11	39	23	18	11	15	10	11	9	5	5	3	10	4	4	5	78	462-1	250	3330	3557	4485
≥7	11	9	3	10	7	3	6	4	4	3	3	3	7	1	3	79	1008-1	156	4095	4374	4766
≥4	4	4	3	3	1	1	3	2	1	1		2	1	2		55	1560-1	83	4310	4720	4851

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64			1														18-1	1	3	3	4334
≥48	21	7	1						1								54-1	30	47	49	4335
≥41	30	22	6	4	2	1				1							60-1	66	134	137	4335
≥34	61	47	26	11	8	4	2	2	1			1					72-1	163	392	395	4336
≥28	82	59	59	29	22	9	7	2	4	5	1	2					72-2	281	843	848	4336
≥22	94	77	68	44	42	20	15	10	7	9	7	8	4	1	1	3	168-1	410	1614	1646	4355
≥17	71	81	72	49	47	31	27	17	17	17	10	12	8	5	5	11	180-1	480	2415	2463	4369
≥11	37	47	34	43	34	28	19	22	19	17	12	12	11	13	11	55	360-1	414	3426	3518	4415
≥7	17	14	16	18	8	11	11	6	12	17	5	4	8	7	10	95	492-1	259	3933	4102	4505
≥4	2	8	4	3	1	3	2	3	1	4	4	1	2	1	2	71	1854-1	112	4063	4520	4650

HOURS DURATION OF EVENTS

27 — 36.2N 127.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48		1															12-1	1	2	2	4333
≥41	5	3	2	1													24-1	11	21	21	4333
≥34	19	10	4	4		1				1	1						66-1	40	94	97	4333
≥28	34	20	19	13	10	3	1	1		1	1	1					72-1	104	299	302	4333
≥22	42	23	28	26	14	15	10	5	3	3	1	2	3	2	1	2	180-1	180	767	773	4337
≥17	60	25	28	27	21	23	16	14	11	6	4	7	4	3	[illegible]	15	264-1	266	1515	1531	4349
≥11	57	37	37	13	12	17	22	11	22	11	11	6	7	5	5	[illegible]	372-1	325	2754	2822	4396
≥7	32	14	21	8	8	10	11	12	7	8	6	7	8	5	8	74	690-1	239	3725	3851	4575
≥4	14	10	3	5	1	5	2	2	4	1	3	2	5	3	4	75	1116-1	139	4356	4524	4758

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	2																6-2	2	2	2	4334
≥48	16	4	2	1	1												30-1	24	39	39	4334
≥41	32	16	6	4	2	1	1										42-1	62	121	121	4334
≥34	57	33	34	10	3	4	1		1	1		2					72-2	146	354	355	4334
≥28	76	50	36	40	18	11	12	3	3	3	1	2	1	1	1	1	138-1	259	865	871	4337
≥22	84	49	50	34	30	15	14	14	9	12	6	5	4	5		13	240-1	344	1654	1673	4337
≥17	82	46	35	30	31	20	20	12	10	11	10	8	11	4	3	33	432-1	366	2409	2462	4339
≥11	30	32	25	24	20	17	9	13	15	6	9	7	6	4	5	65	576-1	287	3185	3471	4354
≥7	24	17	10	6	11	5	9	4	6	6	3	9	5	3	3	75	966-1	196	3620	4041	4414
≥4	2	3	6	3	3	4		2	1	3	2	2	1	1	2	62	1344-1	97	3958	4524	4647

HOURS DURATION OF EVENTS

30 — 35.7N 176.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4334
≥48	8	5	1														18-1	14	21	21	4334
≥41	34	8	5	2	3												30-3	52	88	88	4334
≥34	59	38	26	6	8	1	1										42-1	139	290	292	4334
≥28	95	65	41	28	17	13	7	3	1	1	3						66-3	274	748	756	4334
≥22	106	65	62	38	33	26	24	15	6	6	1	6	6	1	1	9	132-1	405	1656	1692	4334
≥17	72	42	49	35	30	20	23	20	25	15	12	7	4	7	4	30	330-1	395	2503	2567	4342
≥11	33	22	28	30	11	22	15	11	13	13	6	12	9	3	9	65	576-1	302	3365	3610	4396
≥7	10	7	9	6	9	9	10	7	8	4	7	6	8	5	1	76	858-1	182	3721	4151	4474
≥4	2	2	3	4	2	1	1	2	1	3	4			3	1	57	1848-1	86	3603	4438	4540

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	1	3															12-3	4	7	7	4333
≥41	15	6	2	1	1												30-1	25	42	42	4333
≥34	40	20	6	11	5	3	3										42-3	88	206	206	4333
≥28	57	29	28	16	9	11	2	4	4	3		2	1			2	120-1	168	559	559	4333
≥22	56	35	20	28	19	18	10	11	10	6	6	3	3	1	3	10	264-1	239	1240	1245	4335
≥17	64	31	39	23	23	8	16	11	17	7	10	4	9		6	29	324-1	297	2010	2027	4337
≥11	32	17	18	13	23	12	16	13	10	12	6	6	5	3	8	67	636-1	261	3139	3201	4348
≥7	22	8	4	9	6	7	2	7	9	6	4	3	4	4	3	79	726-1	177	3593	3917	4444
≥4	7	5	2	3	4	3	3	2	4	3	2	3		4		60	912-1	105	3632	4390	4589

HOURS DURATION OF EVENTS

33 — 34.6N 145.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48	3	1															12-1	4	5	5	4334
≥41	10	2	1	1													24-1	14	21	21	4334
≥34	30	12	9		2					1							60-1	54	101	102	4334
≥28	62	36	17	8	7	2	2	1						1			84-1	136	300	302	4337
≥22	102	65	52	28	10	11	8	3	4	1	2			1	1		90-1	288	793	805	4340
≥17	116	90	63	46	37	15	11	9	9	7	5	3	2	2		4	114-1	419	1458	1481	4346
≥11	73	58	70	54	54	31	27	18	15	13	12	8	6	10	5	24	282-1	478	2736	2781	4397
≥7	33	30	24	31	31	24	26	19	17	13	11	17	7	7	5	68	306-2	363	3571	3700	4436
≥4	14	12	9	8	11	8	7	8	3	7	5	8	5	4	3	87	624-1	199	4001	4289	4562

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48	5	1		1													24-1	7	11	11	4334
≥41	18	3	3	2													24-2	26	41	41	4334
≥34	53	26	14	6	3	4											36-4	106	210	211	4334
≥28	92	53	28	26	10	10	5	3	3	1		1					72-1	232	604	611	4334
≥22	112	87	53	51	21	20	10	14	7	8	5	3	2	1	1	2	138-1	397	1384	1416	4334
≥17	76	52	69	53	39	33	21	19	11	10	10	7	6	2	5	20	204-1	433	2267	2327	4338
≥11	35	27	31	25	25	30	28	24	19	15	12	10	4	11	8	55	528-1	359	3327	3436	4377
≥7	14	7	13	11	6	16	14	10	18	7	9	5	3	4	9	82	816-1	228	3871	4032	4415
≥4	3	3	4	2	2	2	2	2	5	2	3	2		2	2	73	1086-1	109	3751	4379	4505

HOURS DURATION OF EVENTS

36 — 33.7N 123.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48																					4333
≥41	6	2															12-2	8	10	10	4333
≥34	23	10	4	4	2												30-2	43	81	81	4333
≥28	38	18	15	12	6	8	3			1			1				78-1	102	289	289	4333
≥22	67	41	30	25	12	18	9	11	6	3	2		1	1		3	180-1	229	858	861	4334
≥17	80	36	44	43	18	26	14	8	10	5	12	5	2		6	14	234-1	323	1646	1667	4338
≥11	45	31	34	36	22	31	12	14	13	17	8	10	8	9	4	45	354-2	339	2828	2870	4357
≥7	29	9	20	14	13	16	12	15	9	7	14	8	9	3	6	72	888-1	256	3517	3653	4366
≥4	16	10	7	7	7	3	9	3	2	10	8	4	3	2	5	77	888-1	173	3702	4004	4388

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	1																6-1	1	1	1	4333
≥41	3	2															12-2	5	7	7	4333
≥34	8	6	3														18-3	17	29	29	4333
≥28	24	11	11	6	1	1	2										42-2	56	128	130	4333
≥22	50	19	20	12	15	7	3	2	1		2	1	1		1		90-1	134	421	424	4333
≥17	74	33	18	30	19	18	6	10	8	2	4		1	4	3	8	132-1	238	1038	1047	4342
≥11	80	36	29	12	25	16	17	18	14	9	14	4	5	5	6	41	312-1	331	2384	2407	4384
≥7	58	25	22	14	9	13	14	7	9	8	8	9	7	4	4	75	636-1	286	3523	3556	4473
≥4	24	9	9	6	6	4	2	6	9	6	5	5	3	4	3	79	1440-1	180	4083	4403	4742

HOURS DURATION OF EVENTS

39 — 29.9N 177.3W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48																					4334
≥41	4	1															12-1	5	6	6	4334
≥34	23	5	7	1	3	1											36-1	40	79	79	4334
≥28	47	22	15	10	7	4	1	2		1				1			84-1	110	282	282	4334
≥22	58	40	30	28	14	6	3	6	4	5	2	2	2			6	126-1	206	786	795	4352
≥17	75	55	31	35	25	18	14	9	6	11	7	5	1		3	14	282-1	309	1514	1535	4353
≥11	81	24	40	33	29	22	15	17	12	15	8	4	7	4	1	47	438-1	359	2744	2812	4377
≥7	45	21	16	20	15	16	17	20	9	10	9	7	5	7	2	75	798-1	294	3610	3721	4444
≥4	12	4	8	1	4	3	3	6	6	3	6	7	8	5	2	77	1050-1	155	3863	4368	4591

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48	1																6-1	1	1	1	4334
≥41	1																6-1	1	1	1	4334
≥34	8	1															12-1	9	10	10	4334
≥28	23	11	7	1	1												30-1	43	75	75	4334
≥22	47	29	15	11	4	5	1		1	2			1				78-1	116	293	293	4334
≥17	89	60	39	28	16	5	12	4	5	1	3	1			1	1	120-1	265	799	800	4335
≥11	96	55	41	34	34	37	23	14	9	13	11	7	7	7	4	21	198-1	413	2223	2255	4382
≥7	48	26	36	30	19	20	18	16	11	8	7	11	12	8	11	68	366-1	349	3399	3466	4467
≥4	16	11	4	8	13	7	8	4	6	8		6	3	9	5	91	804-1	199	4028	4247	4601

HOURS DURATION OF EVENTS

42 — 28.6N 139.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48	2																6-2	2	2	2	4333
≥41	1	1															12-1	2	3	3	4333
≥34	7	3	1	1													24-1	12	20	20	4333
≥28	24	10	9	4	2		1		1								54-1	51	113	114	4333
≥22	42	23	17	13	10	11	8	2	1	1	1					1	96-1	130	425	428	4337
≥17	77	39	18	17	25	13	7	7	1	4	5	5	4	3	3	9	180-1	237	1075	1082	4349
≥11	82	25	33	24	15	17	13	14	11	9	13	6	8	7	5	47	396-1	329	2606	2676	4362
≥7	34	17	10	9	5	6	11	3	13	11	8	6	6	4	3	73	570-1	219	3721	3822	4518
≥4	18	7	3	7	3	4	2	3	6	1	7	1	2	2	1	65	1410-1	132	3992	4429	4703

HOURS DURATION OF EVENTS

4

WIND SPEED DURATIONS (Cont'd)

43 28.2N 125.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48																					4334
≥41	2		1														18-1	3	5	5	4334
≥34	15	10	4	1		1		1									48-1	32	65	67	4334
≥28	50	22	15	14	11	3	3		2			1	1		1		90-1	123	347	351	4336
≥22	68	38	35	25	24	17	13	5	4	6	2	2	2		2	8	216-1	251	1078	1084	4340
≥17	78	20	31	23	20	23	15	11	16	8	6	6	3	5	7	25	282-1	297	1886	1924	4343
≥11	58	17	19	31	19	13	19	10	15	5	4	11	4	7	7	62	384-1	301	3053	3142	4379
≥7	31	13	14	8	17	10	18	4	10	5	6	6	3	6	3	80	546-1	234	3709	3868	4421
≥4	12	2	4	6	5	6	4	7	7	5	1	4	3	3	2	64	966-1	135	3969	4283	4489

HOURS DURATION OF EVENTS

44 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48																					4334
≥41	1																6-1	1	1	1	4334
≥34	9	4	1														18-1	14	20	20	4334
≥28	26	12	7	2													24-2	47	79	79	4334
≥22	79	29	16	13	9	5	3	1	1		1						66-1	157	361	361	4334
≥17	80	65	44	28	12	9	20	9	6	1	2	1	1			2	108-1	280	925	926	4342
≥11	129	62	54	33	32	41	19	14	[illegible]	18	8	7	7	4	8	18	216-1	467	2290	2321	4358
≥7	10	19	34	23	30	21	23	15	15	12	14	10	9	6	11	61	522-1	373	3311	3411	4397
≥4	26	8	10	6	8	9	7	9	11	10	7	4	3	3	4	96	558-1	221	4004	4148	4497

HOURS DURATION OF EVENTS

46 26.1N 170.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48																					4334
≥41																					4334
≥34	3																6-3	3	3	3	4334
≥28	21	7	5										1				78-1	34	63	65	4334
≥22	40	17	18	4	4	1	2	2	2	1	1		1			2	126-1	95	292	295	4336
≥17	89	43	26	19	15	13	3	2	3	1	5	1	3			6	174-1	229	779	798	4352
≥11	123	62	45	26	32	22	16	18	14	8	8	7	8	3	5	21	366-1	418	2123	2182	4418
≥7	75	29	31	27	22	12	16	23	18	11	6	11	5	9	10	65	480-1	370	3373	3483	4492
≥4	26	11	12	9	15	8	6	8	6	11	7	7	4	3		91	882-1	224	4009	4282	4630

HOURS DURATION OF EVENTS

47 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4333
≥48																					4333
≥41																					4333
≥34	1																6-1	1	1	1	4333
≥28	4																6-4	4	4	4	4333
≥22	13	5	3			1	1										42-1	24	49	49	4333
≥17	75	24	23	13	4	6	3	2	1				1			1	126-1	153	380	388	4335
≥11	143	47	38	17	20	12	10	15	13	11	8	7	6	2	4	22	312-1	375	1894	1927	4378
≥7	86	36	29	19	13	12	8	7	10	8	9	4	4	2	5	74	558-1	326	3197	3288	4478
≥4	42	14	20	9	9	3	10	4	7	2	3	4	4	2	3	79	1608-1	[illegible]	4396	4575	5036

HOURS DURATION OF EVENTS

49 22.6N 128.0E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48																					4334
≥41	1	1															12-1	2	3	3	4334
≥34	2	1							1								54-1	4	13	13	4334
≥28	23	12	9	1	2							1					72-1	48	100	100	4334
≥22	76	21	14	7	11	8	9	4	2	1	2					4	162-1	159	513	513	4334
≥17	110	42	29	14	10	11	16	11	11	5	5	4	2	1	3	14	210-1	288	1303	1304	4337
≥11	89	31	25	10	21	18	13	9	13	7	8	11	9	5	8	45	654-1	322	2732	2807	4372
≥7	46	24	14	6	8	7	13	5	11	8	12	8	6	8	4	75	738-1	255	3581	3670	4385
≥4	21	4	3	6	3	6	3	5	2	4	4	2	5	5	2	74	1134-1	149	3704	4203	4443

HOURS DURATION OF EVENTS

50 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48	1																6-1	1	1	1	4334
≥41	1																6-1	1	1	1	4334
≥34	4				1												30-1	5	9	9	4334
≥28	8	3	1	1		2						1					72-1	16	45	45	4334
≥22	51	12	11	5	4	2	4	1	1				1			2	114-1	94	255	260	4344
≥17	83	25	18	11	14	10	4	7	3	6	5	4	1	3	2	6	288-1	202	896	918	4373
≥11	106	35	26	21	15	14	[illegible]	9	13	9	3	5	7	3	3	40	384-1	323	2263	2330	4439
≥7	72	29	25	11	17	13	15	2	5	9	11	9	6	6	10	55	1164-1	295	3669	3883	4842
≥4	32	15	8	8	8	5	6	5	4	6	3	11	3	1	7	71	SEA-1	193	4464	4893	5219

HOURS DURATION OF EVENTS

52 19.2N 127.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4333
≥48																					4333
≥41																					4333
≥34	2													1			6-2	2	2	2	4333
≥28	19	9	3														18-3	31	46	46	4333
≥22	93	20	8	9	7		1			2		1		1		1	180-1	143	311	311	4333
≥17	163	58	38	25	24	15	17	7	6	4	1	3	5	1		5	306-1	372	1227	1240	4339
≥11	86	30	23	16	10	10	11	14	10	6	8	2	4	2	4	70	654-1	306	3160	3279	4450
≥7	34	9	6	8	6	5	5	3	7	2	1	3	1	2	3	55	1554-1	150	4211	4482	4900
≥4	12	4	1	5	3		1			1	2	1	1			45	2178-1	76	4743	5147	5273

HOURS DURATION OF EVENTS

53 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48	4				1												30-1	5	9	9	4334
≥41	16	4	3	1	1	1											36-1	26	48	48	4334
≥34	49	17	6	3	4	3				3	1				1	1	102-1	88	224	224	4334
≥28	76	27	11	10	5	7	7	5	6	3	2				1		210-1	167	641	648	4334
≥22	108	50	16	15	7	9	9	6	7	6	3	4	2	5	6	20	282-1	273	1372	1394	4341
≥17	97	37	19	10	17	8	10	6	7	9	8	8	6	5	3	41	438-1	291	2171	2233	4360
≥11	76	30	19	8	7	12	10	3	9	11	6	8	6	7	4	60	732-1	276	3069	3166	4387
≥7	53	17	26	9	8	3	10	4	6	8	5	4	2	3	4	71	792-1	233	3556	3763	4406
≥4	23	6	5	9	2	3	1	2	3	3	3	2		1	2	66	1404-1	131	3940	4316	4572

HOURS DURATION OF EVENTS

55 17.6N 138.5E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48	1																6-1	1	1	1	4334
≥41	5	1						1									48-1	7	15	15	4334
≥34	18	4	4	3	2	1	1					2					72-2	35	97	97	4334
≥28	52	17	14	8	9	1	3	2	1	2	2			1		2	96-2	114	345	345	4334
≥22	69	29	19	11	13	17	8	4	4	6	3	2	1	3		10	240-1	199	947	953	4334
≥17	117	47	23	21	18	15	14	11	9	8	5	5	4	3	4	30	342-1	334	1896	1914	4341
≥11	77	23	19	14	10	5	11	7	7	7	5	10	4	4	2	71	504-1	276	3222	3325	4391
≥7	35	12	14	5	4	5	3	3	4	2	1	3	1	6	3	63	1638-1	164	4045	4457	4871
≥4	21	6	7	2	4	3	3			2	2		2		2	49	SEA-2	103	4324	4793	4951

HOURS DURATION OF EVENTS

56 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4333
≥48																					4333
≥41																					4333
≥34																					4333
≥28	3	1															12-1	4	5	5	4333
≥22	38	7	5	1	1												30-1	52	76	78	4333
≥17	108	35	21	13	7	2	3	4	1			1					72-1	195	414	420	4333
≥11	[illegible]	97	51	43	30	23	23	8	4	12	8	3	5	2	4	15	156-1	514	1944	1975	4334
≥7	90	45	31	24	19	14	10	12	18	4	8	4	11	11	5	65	444-1	371	3380	3453	4369
≥4	31	4	5	5	1	5	10	4	2	3	2	2	1	4	3	72	1026-1	154	4197	4360	4615

HOURS DURATION OF EVENTS

58 14.5N 127.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48																					4334
≥41	2																6-2	2	2	2	4334
≥34	3	2	1	3		1											36-1	10	28	29	4334
≥28	20	6	7	2	3	1	1		2	2	1			1		1	114-1	47	171	174	4334
≥22	55	20	9	6	9	4	6	3	1	2	4		4		1	7	168-1	131	572	586	4334
≥17	85	37	20	18	8	6	3	10	8	5	3	6	3	1	3	23	300-1	239	1335	1360	4334
≥11	100	42	29	16	15	5	11	7	3	3	9	7	3	4	4	56	432-1	314	2776	2907	4373
≥7	51	20	20	9	9	10	7	7	7	3	5	1	1	6	3	53	1032-1	212	3272	3862	4409
≥4	17	5	7	2	4	1		3			3	3		3	2	44	SEA-1	94	3482	4364	4528

HOURS DURATION OF EVENTS

59 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48																					4334
≥41																					4334
≥34																					4334
≥28	6	1															12-1	7	8	8	4334
≥22	46	19	8	3	2	1	1		2		1						66-1	83	172	174	4334
≥17	95	35	32	13	11	5	3	5	9	6	3	2	2	3	2	6	300-1	232	963	988	4378
≥11	93	30	19	15	8	7	10	13	6	5	4	5	5	1	4	61	828-1	286	2824	3025	4541
≥7	58	18	11	6	6	5	3	4	1	3	5	2		4	3	49	1590-1	178	4037	4687	5171
≥4	12	2	4	3	1	2	1	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SEA-6	72	4320	[illegible]	5632

HOURS DURATION OF EVENTS

61 12.0N 156.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48																					4334
≥41																					4334
≥34			1														18-1	1	3	3	4334
≥28	15		1		2	1		1									48-1	20	42	42	4334
≥22	67	10	7	3	6	3	3			1	2	1		2		2	114-1	107	297	305	4334
≥17	141	30	28	13	14	7	8	12	2	6	1	2	1	1	2	15	240-1	283	1112	1147	4345
≥11	93	33	26	7	12	7	9	7	6	8	5	5	7	5	2	56	648-1	288	3029	3340	4501
≥7	21	6	3	3	3	1	2	2	3		4	2	2		3	43	SEA-2	98	4082	4732	5015
≥4	4	5	1	1		1	1	2	1		1	1			1	24	SEA-4	43	4204	5448	5528

HOURS DURATION OF EVENTS

62 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4334
≥48																					4334
≥41																					4334
≥34																					4334
≥28	1	2															12-2	3	5	5	4334
≥22	1	2	2	3		1											36-1	9	29	29	4334
≥17	3	5	1		1								1		2		90-2	13	64	75	4334
≥11	36	6	5	6	3		2	1	2	3	1		1	1	1	3	132-1	71	284	323	4334
≥7	77	31	27	3	1	1	4	2	2	2	1	3		2	2	12	702-1	170	927	1038	4334
≥4	128	68	35	12	5	3	11	4	3	4	10		3	1	1	24	1170-1	312	2215	2477	4366

HOURS DURATION OF EVENTS

(Cont'd)

WINTER

44 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48																					4334
≥41	1																6-1	1	1	1	4334
≥34	9	4	1														18-1	14	20	20	4334
≥28	26	12	7	2													24-2	47	79	79	4334
≥22	79	29	16	13	9	5	3	1	1		1						66-1	157	361	361	4334
≥17	80	65	44	28	12	9	20	9	6	1	2	1	1			2	108-1	280	925	926	4342
≥11	129	62	54	33	32	41	19	14	13	18	8	7	7	4	8	18	216-1	467	2290	2321	4358
≥7	70	19	34	23	30	21	23	15	15	12	14	10	9	6	11	61	522-1	373	3311	3411	4397
≥4	26	8	10	6	8	9	7	9	11	10	7	4	3	3	4	96	558-1	221	4004	4148	4497

HOURS DURATION OF EVENTS

45 27.8N 145.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48																					4333
≥41	1																6-1	1	1	1	4333
≥34	5	8	2	1	1												30-1	17	36	36	4333
≥28	28	10	9	6	2	2	2	1									48-1	60	143	143	4333
≥22	58	21	16	17	11	6	5	3		4	1	3	1			1	162-1	147	493	495	4334
≥17	89	49	31	19	18	9	11	10	8	4	5	5	5	1	1	13	168-1	278	1248	1251	4341
≥11	76	32	18	24	15	12	21	16	13	18	8	6	6	3	7	48	366-1	323	2825	2905	4384
≥7	30	18	8	11	9	6	9	5	6	3	15	6	9	4	5	78	942-1	222	3872	4050	4670
≥4	17	8	5	2	4	3	3	2	4	2	3	1	2	1	2	67	1710-1	126	4463	4822	5033

HOURS DURATION OF EVENTS

47 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48																					4333
≥41																					4333
≥34	1																6-1	1	1	1	4333
≥28	4																6-4	4	4	4	4333
≥22	13	5	3	1		1	1										42-1	24	49	49	4333
≥17	75	24	23	13	4	6	3	2	1				1			1	126-1	153	380	388	4335
≥11	143	47	38	17	20	12	10	15	13	11	8	7	6	2	4	22	312-1	375	1894	1927	4378
≥7	86	36	29	19	13	12	8	7	10	8	9	4	4	2	5	74	558-1	326	3197	3288	4478
≥4	42	14	20	9	9	3	10	4	7	2	3	4	4	2	3	79	1608-1	215	4396	4575	5036

HOURS DURATION OF EVENTS

48 23.5N 151.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48																					4334
≥41																					4334
≥34	1																6-1	1	1	1	4334
≥28	11	7	2		1												30-1	21	36	36	4334
≥22	34	22	12	8	2	2	3	3	2			2	1	1			84-1	92	282	282	4337
≥17	83	30	25	15	11	7	7	7	6	2	2	4	2	1	2	9	174-1	213	903	916	4348
≥11	91	32	23	16	25	14	10	16	8	8	11	7	4	5	6	41	762-1	317	2517	2607	4464
≥7	60	32	18	9	7	13	14	7	7	5	8	5	8	5	5	76	798-1	279	3688	3925	4710
≥4	18	9	4	4	3	2	4	4	3	4	6	6	5	1	3	72	1146-1	148	4281	4771	5021

HOURS DURATION OF EVENTS

50 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48	1																6-1	1	1	1	4334
≥41	1																6-1	1	1	1	4334
≥34	4				1												30-1	5	9	9	4334
≥28	8	3	1	1		2						1					72-1	16	45	45	4334
≥22	51	12	11	5	4	2	4	1	1				1			2	114-1	94	255	260	4344
≥17	83	25	18	11	14	10	4	7	3	6	5	4	1	3	2	6	288-1	202	896	918	4373
≥11	106	35	26	21	15	14	14	9	13	9	3	5	7	3	3	40	384-1	323	2263	2330	4439
≥7	72	29	25	11	17	13	15	2	5	9	11	9	6	6	10	55	1164-1	295	3669	3883	4842
≥4	32	15	8	8	8	5	6	5	4	6	3	11	3	1	7	71	SEA-1	193	4464	4893	5219

HOURS DURATION OF EVENTS

51 20.5N 177.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48																					4334
≥41																					4334
≥34		1															12-1	1	2	2	4334
≥28	9	2		2						1							60-1	14	31	31	4334
≥22	32	9	3	6	2	3	1		1	1		1	1			1	108-1	61	180	193	4338
≥17	68	28	23	9	7	10	4	1	1	4	3	2	2		2	7	216-1	171	681	696	4356
≥11	107	41	27	23	13	14	9	9	10	8	6	4	3	4	1	44	642-1	323	2322	2389	4567
≥7	79	29	20	14	12	14	12	5	16	6	9	3	6	5	1	55	1032-1	286	3271	3893	4960
≥4	37	13	7	9	6	8	6	4	8	13	3	7	5	4	5	68	SEA-1	203	4536	5002	5395

HOURS DURATION OF EVENTS

53 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48	4				1												30-1	5	9	9	4334
≥41	16	4	3	1	1	1											36-1	26	48	48	4334
≥34	49	17	6	3	4	3				3	1				1	1	102-1	88	224	224	4334
≥28	76	27	11	10	5	7	7	5	6	3	2				1	7	210-1	167	641	648	4334
≥22	108	50	16	15	7	9	9	6	7	6	3	4	2	5	6	20	282-1	273	1372	1394	4341
≥17	97	37	19	10	17	8	10	6	7	9	8	8	6	5	3	41	438-1	291	2171	2233	4360
≥11	76	30	19	8	7	12	10	3	9	11	6	8	6	7	4	60	732-1	276	3069	3166	4387
≥7	53	17	26	9	8	3	10	4	6	8	5	4	2	3	4	71	792-1	233	3556	3763	4406
≥4	23	6	5	9	2	3	1	2	3	3	3	2		1	2	66	1404-1	131	3940	4316	4532

HOURS DURATION OF EVENTS

54 18.2N 168.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48																					4333
≥41		1	1														18-1	2	5	5	4333
≥34	5		2		1		2										42-2	10	30	30	4333
≥28	15	3	4	3			1	1	1	2		1					72-1	31	101	105	4333
≥22	52	16	10	6	8	2	4	4			1	1		1	1	5	156-1	111	406	413	4349
≥17	99	27	20	16	14	7	8	7	7	6	4	3	3	1		12	240-1	234	1035	1059	4378
≥11	113	49	23	21	15	6	16	9	8	5	9	3	5	2	6	45	840-1	335	2549	2629	4565
≥7	75	33	20	7	10	11	10	7	5	4	4	6	3	7	6	66	1554-1	274	4037	4213	5089
≥4	33	12	15	3	4	5	2	2	3	4	1	1	4	2	6	72	2160-1	169	4921	5438	5723

HOURS DURATION OF EVENTS

56 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥48																					4333
≥41																					4333
≥34																					4333
≥28	3	1															12-1	4	5	5	4333
≥22	38	7	5	1	1												30-1	52	76	78	4333
≥17	108	35	21	13	7	2	3	4	1			1					72-1	195	414	420	4333
≥11	186	97	51	43	30	23	23	8	4	12	8	3	5	2	4	15	156-1	514	1944	1975	4334
≥7	90	45	31	24	19	14	10	12	18	4	8	4	11	11	5	65	444-1	371	3380	3453	4369
≥4	31	4	5	5	1	5	10	4	2	3	2	2	1	4	3	72	1026-1	154	4197	4360	4615

HOURS DURATION OF EVENTS

57 14.9N 147.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48	3																6-3	3	3	3	4334
≥41			1	1													24-1	2	7	7	4334
≥34	4		1		1				1								54-1	7	21	21	4334
≥28	52	5	5	1	1		1				1						66-1	66	104	105	4334
≥22	120	24	24	12	11	5	4	4	2	1	1	2				1	144-1	211	520	523	4334
≥17	164	45	46	21	14	18	18	5	7	4	7	3	6	3	2	10	210-1	373	1406	1417	4352
≥11	120	33	30	16	15	16	16	11	16	7	1	4	8	5	12	56	504-1	376	3177	3261	4479
≥7	49	12	13	5	5	5	3	5	6	2	6	5	4	4	3	65	1200-1	192	3994	4293	4708
≥4	15	8	8	1	4	2		1	2	2	2	1	1	2		45	1926-1	94	4009	4811	4933

HOURS DURATION OF EVENTS

59 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48																					4334
≥41																					4334
≥34																					4334
≥28	6	1															12-1	7	8	8	4334
≥22	46	19	8	3	2	1	1		2		1						66-1	83	172	174	4334
≥17	95	35	32	13	11	5	3	5	9	6	3	2	2	3	2	6	300-1	232	963	988	4378
≥11	93	30	19	15	8	7	10	13	6	5	4	5	5	1	4	61	828-1	286	2824	3025	4541
≥7	58	18	11	6	6	5	3	4	1	3	5	2		4	3	49	1590-1	178	4037	4687	5171
≥4	12	2	4	3	1	2	1	1	1	1	2	1	1	2	1	37	SEA-5	72	4320	5487	5632

HOURS DURATION OF EVENTS

60 12.2N 112.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48																					4334
≥41	1																6-1	1	1	1	4334
≥34	8	2	4	1	1												30-1	16	33	33	4334
≥28	13	4	1	3	1	1		1	1	3	1				1		90-1	30	120	131	4334
≥22	41	22	9	13	2	2	2	3	1	2	1	1	1			8	210-1	108	472	486	4334
≥17	101	43	19	8	5	5	4	4	5	6		2	3	1	1	22	408-1	229	1164	1204	4334
≥11	100	41	29	12	17	6	15	4	8	7	3	3	3	2	2	45	702-1	297	2436	2604	4360
≥7	89	24	29	11	9	14	3	2	3	1	4	1	2	2	4	59	1134-1	257	3242	3577	4381
≥4	27	14	17	7	5	9	7	3	4	3	2	1				49	1230-1	148	3360	4092	4378

HOURS DURATION OF EVENTS

62 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48																					4334
≥41																					4334
≥34																					4334
≥28	1	2															12-2	3	5	5	4334
≥22	1	2	2	3		1											36-1	9	29	29	4334
≥17	3	5	1		1								1		2		90-2	13	64	75	4334
≥11	36	6	5	6	3		2	1	2	3	1		1	1	1	3	132-1	71	284	323	4334
≥7	77	31	27	3	1	1	4	2	2	2	1	3		2	2	12	702-1	170	927	1038	4334
≥4	120	68	35	12	5	3	11	4	3	4	10		3	1	1	24	1170-1	312	2215	2477	4366

HOURS DURATION OF EVENTS

63 2.1N 123.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥48																					4334
≥41																					4334
≥34																					4334
≥28																					4334
≥22																					4334
≥17																					4334
≥11	1																6-1	1	1	1	4334
≥7	31	10	3														18-3	44	60	66	4334
≥4	214	50	78	10	14	4	13	2	3		3		2	1	4	19	1650-1	417	2410	2423	4485

HOURS DURATION OF EVENTS

2

SPRING

1 — 64.0N 166.7W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4241
>48	1																6-1	1	1	1	4241
>41					1												30-1	1	5	5	4241
>34	5	2	1	1			1	1									48-1	11	31	31	4241
>28	13	15	8	6	3	2		3		1							60-1	51	152	153	4241
>22	18	19	18	21	12	6	2	9	2	3	1	3	1		1	1	108-1	117	517	523	4241
>17	36	15	21	15	21	20	11	8	7	9	4	4	2	3	4	9	162-1	189	1114	1131	4241
>11	25	14	21	21	16	14	9	12	12	10	7	9	5	6	7	41	474-1	229	2241	2338	4243
>7	27	10	11	16	12	14	9	6	13	4	8	8	8	3	8	66	570-1	223	3056	3254	4267
>4	22	8	8	8	9	6	6	2	10	3	5	3	6	4	3	75	882-1	178	3562	3839	4308

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4241
>48			1	1													24-1	2	7	7	4241
>41	5		2		1												30-1	8	16	16	4241
>34	15	15	2	3	2		1										42-1	38	80	80	4241
>28	25	21	16	10	9	1	3	2	1								54-1	88	252	256	4241
>22	29	14	22	26	18	13	8	5	3	3	5				1	1	192-1	148	650	660	4241
>17	44	26	20	22	18	21	16	13	12	7	5	6	5	3		6	210-1	224	1220	1257	4241
>11	35	13	14	13	15	21	19	13	21	10	11	8	7	9	6	45	306-2	260	2437	2502	4260
>7	26	11	6	5	7	5	6	11	9	9	10	10	11	9	6	76	558-1	217	3338	3478	4283
>4	15	6	7	2	3	3	5	2	2	2	5	1	1	5	5	76	936-1	140	3717	4097	4420

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4241
>48	6		1	1													24-1	8	13	13	4241
>41	8	7	5	2	2												30-2	24	55	55	4241
>34	13	12	13	7	2	3	3	1									48-1	54	161	161	4241
>28	19	16	13	16	14	7	3	4	3	1	2						66-2	98	378	380	4241
>22	29	12	23	17	14	17	13	9	5	11	3	1	2	3		1	126-1	160	814	826	4241
>17	50	24	23	22	22	14	13	14	9	9	7	13	5	2	4	11	252-1	242	1443	1471	4241
>11	37	23	23	15	16	20	24	14	11	9	12	12	7	9	4	52	288-1	288	2614	2680	4302
>7	27	9	10	7	13	9	7	7	7	15	8	2	3	5	8	89	546-1	226	3418	3581	4355
>4	10	7	10	4	7	4	1	4	3	2	2		2		4	80	828-1	140	3898	4254	4557

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4241
>48		2															12-2	2	4	4	4241
>41		1	2	1													24-1	4	12	12	4241
>34	10	8	3	1	1	2											36-2	25	56	56	4241
>28	16	20	16	5	4	4	2	1				1	1				78-1	70	215	215	4241
>22	26	27	17	14	17	15	9	7	2	4				1		1	108-1	140	571	576	4241
>17	42	40	25	22	19	14	9	17	13	8	2	5	2	1	1	6	126-1	226	1105	1114	4241
>11	54	26	23	25	18	23	15	19	19	16	12	8	5	3	5	30	216-1	301	2148	2178	4251
>7	36	17	25	19	15	10	15	6	13	18	15	10	6	8	6	61	312-1	280	3086	3230	4283
>4	14	11	7	5	6	3	11	4	5	3	7	6	4	4	2	87	636-1	179	3755	4002	4384

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4241
>48	1	2															12-2	3	5	5	4241
>41	3	5	1		1												30-1	10	21	21	4241
>34	10	10	8	7	1		1										42-1	37	94	94	4241
>28	19	16	12	15	6	7		3			1			1			84-1	80	268	268	4241
>22	34	18	30	21	19	10	10	4	4	2	1	1	6		1		90-1	161	673	674	4246
>17	42	36	30	25	18	12	25	13	11	4	5	4	1	2	3	10	204-1	241	1272	1298	4250
>11	29	21	21	28	29	26	14	10	14	20	5	7	2	7	7	41	360-1	281	2427	2494	4290
>7	25	15	14	11	15	20	10	11	16	6	6	9	2	5	2	79	492-2	246	3368	3462	4358
>4	13	12	10	6	5	5	8	1	5	4	6	5	4	2	3	84	798-1	173	3921	4100	4450

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4241
>48	5	3	4														18-4	12	23	23	4241
>41	12	7	9	3	1												30-1	32	70	70	4241
>34	26	14	17	5	7	2	3										42-3	74	193	193	4241
>28	29	34	17	22	9	5	5	4	2	2	1		2				78-2	132	453	459	4241
>22	48	29	35	30	17	16	11	12	7	6	4	3	3	1		4	108-1	226	1009	1022	4241
>17	47	30	25	33	20	22	10	15	17	13	7	8	2	5	4	18	174-1	276	1693	1719	4275
>11	34	25	24	23	23	23	23	22	10	12	7	6	8	7	6	54	426-1	307	2811	2876	4286
>7	20	7	10	7	7	11	10	11	8	9	8	5	5	5	8	86	474-1	217	3584	3767	4428
>4	6	4	2	4	3	7	3	5	1	3	4	1		3	2	80	1308-1	128	3870	4218	4477

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4241
>48	2	1															12-1	3	4	4	4241
>41	5	6	2														18-2	13	23	24	4241
>34	14	18	5	6	2												30-2	45	99	102	4241
>28	31	22	17	14	9	4	4	2		1			1				78-1	105	318	321	4241
>22	48	61	33	28	17	9	8	7	7		3	2	1			3	114-1	227	818	822	4241
>17	61	46	39	20	28	24	16	13	10	15	9	3	7	4	1	11	144-1	307	1593	1605	4241
>11	44	20	28	17	26	13	17	18	12	16	8	9	13	6	10	50	324-1	307	2805	2880	4242
>7	18	13	5	12	7	8	11	9	11	9	9	9	5	3	5	80	666-1	214	3534	3688	4285
>4	8	7	3	5	1	1	5	3	4	1	3	1	5	1	3	75	1302-1	126	3943	4208	4440

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4241
>48	3	4				1											36-1	8	17	17	4241
>41	19	11	6	2	2		1										42-1	41	84	84	4241
>34	29	23	12	11	4	1	3			1		1	1				78-1	86	237	239	4241
>28	50	39	24	20	19	10	5	4	3	1			1		2		90-2	178	582	587	4241
>22	57	32	43	38	22	18	14	7	5	7	2	3	2	7	3	6	150-1	266	1230	1244	4241
>17	44	40	34	32	24	26	25	6	10	8	9	7	5	3	5	29	240-1	307	2045	2090	4242
>11	25	15	15	18	25	16	16	13	16	11	14	5	6	3	7	64	564-1	269	3119	3264	4291
>7	13	10	12	6	6	4	4	4	8	2	7	5	5	5	4	86	630-1	181	3721	3904	4337
>4	6	2	2	3	1	5	1	1	3	3	4	3	2	1	2	69	1350-1	108	3939	4374	4527

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	1																6-1	1	1	1	4241
>48	5	2	2	1		1											36-1	11	25	28	4241
>41	16	5	5	2	1	1		1		1							60-1	32	78	82	4241
>34	36	22	17	5	4	1		3			2						66-2	90	223	230	4241
>28	37	28	19	18	11	7	6	3	3	6		1	1			1	102-1	141	514	529	4241
>22	50	46	28	21	16	16	18	7	8	6	6	1	3	1	2	6	138-1	235	1073	1096	4246
>17	55	47	28	51	16	15	16	15	15	7	6	7	4	4	3	19	252-1	308	1797	1864	4250
>11	34	24	25	18	32	18	8	15	10	21	7	10	9	10	2	52	402-1	295	2854	2996	4284
>7	19	9	9	14	7	9	14	5	9	9	11	7	3	8	5	84	576-1	222	3565	3775	4355
>4	6	2	4	3		7		1	2	4	4	1	1	2	6	81	918-1	124	3903	4213	4433

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	1																6-1	1	1	1	4241
>48	17	4	1	4													24-4	26	44	44	4241
>41	15	12	9	4	3	2											36-2	45	109	109	4241
>34	29	23	13	16	7	6	6										42-6	100	291	294	4241
>28	41	30	31	19	15	7	8	10	2	2	1	2				1	96-1	169	612	621	4241
>22	51	42	39	30	22	24	11	12	10	9	2	5	3			7	186-1	267	1235	1255	4247
>17	49	39	36	31	27	24	22	9	13	13	7	5	5	5	4	24	276-1	313	1980	2010	4253
>11	32	21	13	21	22	19	20	17	12	8	10	16	10	11	6	58	372-1	296	3100	3191	4318
>7	15	9	18	8	6	6	10	13	8	11	5	2	5	6	4	82	738-1	208	3652	3866	4388
>4	6	2	3	4	2	2	4	2	3	3	4	3	1	1	5	69	1368-1	114	3937	4363	4517

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64	2																6-2	2	2	2	4241
>48	10	4	2														18-2	16	24	24	4241
>41	19	16	10	1	1	1											36-1	48	96	96	4241
>34	37	29	28	9	3	1	2	3									48-3	112	274	274	4241
>28	56	44	43	17	15	10	6	4	2	5						1	96-1	203	634	637	4241
>22	53	52	46	36	27	16	15	11	10	6	7	3	4		1	5	108-1	292	1276	1292	4245
>17	39	46	46	35	30	19	18	11	16	9	18	9	9	3	3	21	162-1	332	2041	2070	4246
>11	34	33	24	25	27	18	19	10	11	11	16	12	11	4	7	56	366-1	318	3055	3171	4291
>7	18	8	15	11	11	6	2	16	2	9	9	9	7	8	4	89	444-1	224	3643	3839	4361
>4	4	4	6	3	3	2	3	2	3	1	2	1	5	1	6	76	954-1	122	3871	4252	4429

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4241
>48	2																6-2	2	2	2	4241
>41	8	2	1														18-1	11	15	15	4241
>34	12	12	2	3	2		1										42-1	32	71	71	4241
>28	25	17	14	10	4	3	2			1							60-1	76	203	203	4241
>22	55	37	25	20	13	13	7	4	2	1	1	1					72-1	179	559	562	4241
>17	69	37	41	43	20	16	14	6	12	5	3	3		3	1	3	114-1	276	1117	1134	4242
>11	61	47	39	35	29	30	24	8	21	11	5	7	8	10	9	24	186-1	368	2280	2318	4257
>7	51	39	21	19	22	18	18	15	8	12	10	9	11	9	10	65	270-2	337	3151	3235	4284
>4	31	27	18	9	12	9	8	9	9	8	4	2	9	6	6	84	462-1	251	3395	3564	4286

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64			1														18-1	1	3	3	4241
>48	11	5	3	1													24-1	20	34	38	4241
>41	12	14	11	6		1											36-1	44	103	107	4241
>34	43	20	20	9	7	4	2	2	1				1				78-1	109	290	295	4241
>28	53	34	33	23	18	13	11	3	2	4	1		2			2	102-1	199	709	716	4241
>22	60	51	35	26	23	24	18	17	10	5	3	4	1	2	4	10	222-1	293	1414	1441	4241
>17	55	37	26	38	21	15	20	23	13	16	8	9	5	9	4	26	270-1	325	2145	2221	4248
>11	32	15	25	15	16	15	15	6	10	7	5	19	4	5	2	74	630-1	265	3116	3253	4276
>7	12	8	10	8	12	13	5	5	1	5	6	4	6	7	5	82	1044-1	189	3570	3855	4334
>4	8	6	6	5	1	4	5	1				5	1	3	1	68	1086-1	114	3793	4280	4447

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4241
>48	3	2															12-2	5	7	7	4241
>41	18	5	1	1	2												30-2	27	45	47	4241
>34	27	12	11	7	4	1	2	3	1								54-1	68	185	188	4241
>28	49	28	24	25	9	8	3	7	1		1	1			1		90-1	157	494	501	4241
>22	57	47	28	31	19	24	15	7	8	7	5	6		2	2	4	162-1	262	1167	1196	4244
>17	51	37	32	27	23	16	23	14	11	4	10	8	7	1	12	25	198-1	301	2017	2066	4263
>11	23	13	28	15	13	14	8	14	10	5	7	7	10	5	5	65	378-1	242	2974	3219	4294
>7	14	5	7	6	9	6	5	5	10	3	6	5	5	5	5	70	612-1	166	3460	3854	4340
>4	4	3	6	3	2	1	6	1	1	2	2	2	1	1	1	58	1470-1	94	3585	4272	4458

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS

.7W

T*	TH
	4241
1	4241
5	4241
31	4241
153	4241
523	4241
1131	4241
2338	4243
3254	4267
3839	4308

2 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48			1	1													24-1	2	7	7	4241
≥41	5		2		1												30-1	8	16	16	4241
≥34	15	15	2	3	2		1										42-1	38	80	80	4241
≥28	25	21	16	10	9	1	3	2	1								54-1	88	252	256	4241
≥22	29	14	22	26	18	13	8	5	3	3	5				1	1	192-1	148	650	660	4241
≥17	44	26	20	22	18	21	16	13	12	7	5	6	5	3		6	210-1	224	1220	1257	4241
≥11	35	13	14	13	15	21	19	13	21	10	11	8	7	9	6	45	306-2	260	2437	2502	4260
≥7	26	11	6	5	7	5	6	11	9	9	10	10	11	9	6	76	558-1	217	3338	3478	4283
≥4	15	6	7	2	3	3	5	2	2	2	5	1	1	5	5	76	936-1	140	3717	4097	4420

HOURS DURATION OF EVENTS

3 58.5N 151.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48		1	1														18-1	2	5	5	4241
≥41	1	2	2	1	1												30-1	7	20	20	4241
≥34	9	7	4	2	2					1							60-1	25	63	63	4241
≥28	16	11	21	4	2	4	4				1						66-1	63	190	190	4241
≥22	38	18	22	18	14	10	9	4	1			1	1		1		90-1	137	486	492	4241
≥17	36	27	32	31	19	24	11	16	8	3	2	1	3	2		4	138-1	219	1031	1045	4241
≥11	48	32	33	25	36	34	17	13	10	14	10	7	9	4	4	22	216-1	318	2054	2085	4244
≥7	38	21	22	22	13	14	23	17	21	15	8	11	2	10	12	57	414-1	306	2982	3104	4259
≥4	25	8	9	14	10	9	6	10	8	12	9	6	3	3	9	84	576-1	225	3540	3760	4284

HOURS DURATION OF EVENTS

.8E

T*	TH
	4241
13	4241
55	4241
161	4241
380	4241
826	4241
1471	4241
2680	4302
3581	4355
4254	455[illegible]

5 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48		2															12-2	2	4	4	4241
≥41		1	2	1													24-1	4	12	12	4241
≥34	10	8	3	1	1	2											36-2	25	56	56	4241
≥28	16	20	16	5	4	4	2	1				1	1				78-1	70	215	215	4241
≥22	26	27	17	14	17	15	9	7	2	4				1		1	108-1	140	571	576	4241
≥17	42	40	25	22	19	14	9	17	13	8	2	5	2	1	1	6	126-1	226	1105	1114	4241
≥11	54	26	23	25	18	23	15	19	19	16	12	8	5	3	5	30	216-1	301	2148	2178	4251
≥7	36	17	25	19	15	10	15	6	13	18	15	10	6	8	6	61	312-1	280	3086	3230	4283
≥4	14	11	7	5	6	3	11	4	5	3	7	6	4	4	2	87	636-1	179	3755	4002	4384

HOURS DURATION OF EVENTS

6 54.9N 167.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	6																6-6	6	6	8	4241
≥41	8	5	1	1													24-1	15	25	27	4241
≥34	17	11	10	6	3	1											36-1	48	114	116	4241
≥28	38	24	21	15	3	3	4	1	2		1	1		1			84-1	114	333	340	4241
≥22	51	38	30	19	14	11	10	8	6	2	4	1	1	3		2	156-1	200	794	803	4241
≥17	54	30	41	38	27	22	19	9	11	8	8	8	2	3	4	10	186-1	294	1545	1556	4241
≥11	41	26	20	20	33	27	11	26	7	17	7	8	12	8	3	51	336-1	317	2745	2801	4254
≥7	14	13	8	10	9	13	8	7	13	2	7	3	7	11	7	85	504-1	217	3516	3646	4295
≥4	4	3	3	4	7	3	1	3	1	1	5	1	4	1	2	78	882-1	121	3910	4134	4383

HOURS DURATION OF EVENTS

.7E

T*	TH
	4241
5	4241
21	4241
94	4241
268	4241
674	4246
1298	4250
2494	4290
3462	4358
4100	4450

8 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	5	3	4														18-4	12	23	23	4241
≥41	12	7	9	3	1												30-1	32	70	70	4241
≥34	26	14	17	5	7	2	3										42-3	74	193	193	4241
≥28	29	34	17	22	9	5	5	4	2	2	1		2				78-2	132	453	459	4241
≥22	48	29	35	30	17	16	11	12	7	6	4	3	3	1		4	108-1	226	1009	1022	4241
≥17	47	30	25	33	20	22	10	15	17	13	7	8	2	5	4	18	174-1	276	1693	1719	4275
≥11	34	25	24	23	23	23	23	22	10	12	7	6	8	7	6	54	426-1	307	2811	2876	4286
≥7	20	7	10	7	7	11	10	11	8	9	8	5	5	5	8	86	474-1	217	3584	3767	4428
≥4	6	4	2	4	3	7	3	5	1	3	4	1		3	2	80	1308-1	128	3870	4218	4477

HOURS DURATION OF EVENTS

9 51.7N 158.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4241
≥48	8	3	1														18-1	12	17	17	4241
≥41	7	9	4	3		1											36-1	24	55	55	4241
≥34	6	11	10	7	2	3	1										42-1	40	121	121	4241
≥28	18	24	21	12	8	9	1	2	1								54-1	96	303	303	4241
≥22	39	23	37	23	17	20	9	1	4	2	1			2		3	102-2	181	709	710	4241
≥17	48	31	38	28	27	25	17	10	12	5	6	7	1	2		8	156-1	265	1341	1348	4246
≥11	41	22	22	29	25	28	19	10	14	21	12	11	8	8	8	36	210-1	314	2486	2529	4266
≥7	21	17	14	14	22	11	14	10	12	7	11	7	9	5	6	88	360-1	268	3432	3515	4338
≥4	15	6	5	7	5	5	4	5	3	2	5	3	2	5	3	80	666-1	155	3790	4104	4408

HOURS DURATION OF EVENTS

6W

T*	TH
	4241
4	4241
24	4241
102	4241
321	4241
822	4241
1605	4241
2880	4242
3688	4285
4208	4440

11 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	3	4				1											36-1	8	17	17	4241
≥41	19	11	6	2	2		1										42-1	41	84	84	4241
≥34	29	23	12	11	4	1	3			1		1	1				78-1	86	237	239	4241
≥28	50	39	24	20	19	10	5	4	3	1			1		2		90-2	178	582	587	4241
≥22	57	32	43	38	22	18	14	7	5	7	2	3	2	7	3	6	150-1	266	1230	1244	4241
≥17	44	40	34	32	24	26	25	6	10	8	9	7	5	3	5	29	240-1	307	2045	2090	4242
≥11	25	15	15	18	25	16	16	13	16	11	14	5	6	3	7	64	564-1	269	3119	3264	4291
≥7	13	10	12	6	6	4	4	4	8	2	7	5	5	5	4	86	630-1	181	3721	3904	4337
≥4	6	2	2	3	1	5	1	1	3	3	4	3	2	1	2	69	1350-1	108	3939	4374	4527

HOURS DURATION OF EVENTS

12 50.9N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	1	1															12-1	2	3	3	4241
≥41	10	5	3	1		1											36-1	20	39	40	4241
≥34	15	20	18	4	3	3		1	1								54-1	65	175	182	4241
≥28	47	36	22	11	13	14	5	3	3	2	2						66-2	158	506	517	4241
≥22	51	29	32	30	24	19	25	10	8	3	7	5	5		2	3	120-1	253	1204	1226	4241
≥17	41	22	32	26	24	19	20	16	17	14	9	9	5	2	5	25	276-1	286	2055	2095	4241
≥11	20	10	16	10	17	12	13	12	13	9	8	13	10	6	10	61	438-1	240	3094	3226	4258
≥7	13	4	10	5	3	6	5	6	5	8	3	2	7	4	4	81	654-1	166	3603	3888	4316
≥4	5	3	1	4	2	1			2	1	3		2		2	56	1710-1	82	3917	4317	4463

HOURS DURATION OF EVENTS

3W

T*	TH
1	4241
9	4241
82	4241
230	4241
529	4241
1096	4246
1864	4250
2996	4284
3775	4355
4213	4433

14 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4241
≥48	17	4	1	4													24-4	26	44	44	4241
≥41	15	12	9	4	3	2											36-2	45	109	109	4241
≥34	29	23	13	16	7	6	6										42-6	100	291	294	4241
≥28	41	30	31	19	15	7	8	10	2	2	1	2				1	96-1	169	612	621	4241
≥22	51	42	39	30	22	24	11	12	10	9	2	5	3			7	186-1	267	1235	1255	4247
≥17	49	39	36	31	27	24	22	9	13	13	7	5	5	5	4	24	276-1	313	1980	2010	4253
≥11	32	21	13	21	22	19	20	17	12	8	10	16	10	11	6	58	372-1	296	3100	3191	4318
≥7	15	9	18	8	6	6	10	13	8	11	5	2	5	6	4	82	738-1	208	3652	3866	4388
≥4	6	2	3	4	2	2	4	2	3	3	4	3	1	1	5	69	1368-1	114	3937	4363	4517

HOURS DURATION OF EVENTS

15 49.0N 128.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	2																6-2	2	2	2	4241
≥41	4	2															12-2	6	8	8	4241
≥34	7	2	3	2													24-2	14	28	29	4241
≥28	18	12	5	7	4	2	1										42-1	49	124	128	4241
≥22	49	30	16	10	14	6	5	3	2			2		1			84-1	138	418	432	4241
≥17	68	48	41	24	16	16	8	12	7	7	2	1	1	2	1	4	186-1	258	1014	1039	4242
≥11	58	36	29	16	25	26	24	17	15	9	10	9	5	14	4	36	366-1	333	2452	2517	4271
≥7	44	23	13	12	6	10	10	2	11	10	9	11	4	4	8	77	528-1	254	3377	3515	4326
≥4	13	13	4	3	5	1	5	3	4	4	3		3	3	1	75	744-1	140	3851	4249	4518

HOURS DURATION OF EVENTS

2E

T*	TH
2	4241
24	4241
96	4241
274	4241
637	4241
1292	4245
2070	4246
3171	4291
3839	4361
4252	4429

17 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	2																6-2	2	2	2	4241
≥41	8	2	1														18-1	11	15	15	4241
≥34	12	12	2	3	2		1										42-1	32	71	71	4241
≥28	25	17	14	10	4	3	2			1							60-1	76	203	203	4241
≥22	55	37	25	20	13	13	7	4	2	1	1	1					72-1	179	559	562	4241
≥17	69	37	41	43	20	16	14	6	12	5	3	3		3	1	3	114-1	276	1117	1134	4242
≥11	61	47	39	35	29	30	24	8	21	11	5	7	8	10	9	24	186-1	368	2280	2318	4257
≥7	51	39	21	19	22	18	18	15	8	12	10	9	11	9	10	65	270-2	337	3151	3235	4284
≥4	31	27	18	9	12	9	8	9	9	8	4	2	9	6	6	84	462-1	251	3395	3564	4286

HOURS DURATION OF EVENTS

18 45.6N 144.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	1																6-1	1	1	1	4241
≥41	3	5	3														18-3	11	22	22	4241
≥34	20	13	10	3	3	2	2										42-2	53	129	130	4241
≥28	34	21	24	21	13	5	5	6	1	2							60-2	132	439	446	4241
≥22	41	25	36	25	26	17	15	10	6	7	6	3	1	3		4	180-1	225	1079	1095	4241
≥17	26	17	27	20	24	15	21	15	14	6	3	8	9	6	5	26	234-1	242	1866	1919	4241
≥11	23	17	19	14	16	15	7	13	5	9	9	5	6	7	9	67	552-1	241	3015	3134	4259
≥7	13	6	5	2	6	6	4	11	9	5	4	3	3	6	2	79	1122-1	164	3522	3796	4303
≥4	11	2	2	2	1	1		1	1	6	5		3	1	2	65	1128-1	103	3680	4231	4412

HOURS DURATION OF EVENTS

W

T*	TH
3	4241
38	4241
107	4241
295	4241
716	4241
1441	4241
2221	4248
3253	4276
3855	4334
4280	4447

20 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	3	2															12-2	5	7	7	4241
≥41	18	5	1	1	2												30-2	27	45	47	4241
≥34	27	12	11	7	4	1	2	3	1								54-1	68	185	188	4241
≥28	49	28	24	25	9	8	3	7	1		1	1			1		90-1	157	494	501	4241
≥22	57	47	28	31	19	24	15	7	8	7	5	6		2	2	4	162-1	262	1167	1196	4244
≥17	51	37	32	27	23	16	23	14	11	4	10	8	7	1	12	25	198-1	301	2017	2066	4263
≥11	23	13	28	15	13	14	8	14	10	5	7	7	10	5	5	65	378-1	242	2974	3219	4294
≥7	14	5	7	6	9	6	5	5	10	3	6	5	5	5	5	70	612-1	166	3460	3854	4340
≥4	4	3	6	3	2	1	6	1	1	2	2	2	1	1	1	58	1470-1	94	3585	4272	4458

HOURS DURATION OF EVENTS

21 43.7N 128.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	1																6-1	1	1	1	4241
≥41	3	2		1													24-1	6	11	11	4241
≥34	9	4	2		2												30-2	17	33	33	4241
≥28	15	13	5	7	3	1	1		1								54-1	46	121	131	4249
≥22	45	21	15	8	10	8	8	3	1	4	1	2	1				78-1	127	439	469	4253
≥17	67	39	36	17	11	15	8	9	6	7	2	1	4	6	1	6	144-1	235	1017	1063	4272
≥11	55	38	33	21	27	16	12	10	15	18	7	5	9	6	3	41	240-1	316	2351	2440	4290
≥7	48	24	17	13	18	10	13	8	7	14	8	5	5	6	5	81	420-1	280	3412	3520	4382
≥4	19	9	6	5	3	4	5	4	4	5	5	5	3	5	6	81	774-1	169	3961	4302	4602

HOURS DURATION OF EVENTS

4

WIND SPEED DURATIONS (Cont'd)

22 42.8N 167.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	4		2														18-2	6	10	10	4241
≥41	14	4	3	2													24-2	23	39	42	4241
≥34	17	22	10	11	4			1									48-1	65	163	169	4241
≥28	49	32	27	17	15	8	6	5		1					1		90-1	161	492	500	4241
≥22	41	37	41	33	21	25	15	6	11	9	3	4	1	1	2	6	150-1	256	1224	1236	4246
≥17	38	46	30	20	28	20	13	21	16	12	8	4	11	4	4	25	240-1	300	2083	2127	4257
≥11	25	20	24	26	17	15	10	6	10	6	11	9	4	8	3	71	420-1	265	3104	3309	4317
≥7	10	8	7	8	13	7	8	4	9	5	4	4	6	7	5	75	792-1	180	3765	4025	4459
≥4	4	3	3	2		3	3	1	2	4	1		2	3	3	65	1566-1	99	4112	4522	4686

HOURS DURATION OF EVENTS

23 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1															12-1	1	2	2	4241
≥48	5	4	1		1	1											36-1	12	27	27	4241
≥41	11	10	2	1	2							1					72-1	27	63	63	4241
≥34	36	24	13	5	3	3		1		1					1		90-1	87	209	213	4241
≥28	49	36	41	21	7	4	4	3	1	1				2		1	150-1	170	511	516	4241
≥22	53	48	39	44	26	17	25	6	4	1	3	2		1	2	5	162-1	276	1147	1165	4243
≥17	59	48	39	32	43	26	17	14	14	16	3	5	7	2	3	14	228-1	342	1862	1910	4247
≥11	27	25	35	27	26	24	17	18	14	13	10	11	6	5	11	55	282-1	324	2992	3070	4266
≥7	20	10	7	10	14	9	10	6	14	12	15	7	3	3	5	89	654-1	234	3703	3822	4341
≥4	5	3	3	4	6		5	4	2	1	5	2	2	5	4	76	1104-1	127	4127	4322	4512

HOURS DURATION OF EVENTS

25 40.2N 131.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41			1														18-1	1	3	3	4241
≥34	1	1		1													24-1	3	7	7	4241
≥28	15	7			1												30-1	23	34	34	4241
≥22	24	19	16	7	6	2	1										42-1	75	187	189	4241
≥17	61	36	16	18	6	12	9		1	2	3			1		1	96-1	166	510	512	4241
≥11	100	70	53	26	30	21	13	8	6	11	5	4	7	4		9	150-1	367	1519	1528	4246
≥7	95	56	37	31	41	18	23	15	17	15	13	7	9	8	6	34	198-1	425	2552	2585	4276
≥4	72	50	32	28	28	12	9	10	13	13	9	11	5	5	5	64	264-3	366	2934	2971	4307

HOURS DURATION OF EVENTS

26 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4241
≥48	6	1	1	1													24-1	9	15	16	4241
≥41	7	5	2	3	1												30-1	18	40	42	4241
≥34	19	15	5	4	2	3											36-3	48	108	110	4241
≥28	43	28	26	15	7	4	3	1									48-1	127	325	332	4241
≥22	51	47	47	26	18	17	7	7	3	2	1		1	1			84-1	228	772	781	4241
≥17	59	59	50	43	27	32	14	15	10	6	5	3	3	4	1	3	126-1	334	1454	1472	4241
≥11	58	35	39	34	32	20	35	23	16	12	14	8	6	8	7	33	222-1	380	2593	2648	4247
≥7	26	17	20	20	21	21	20	20	9	11	10	10	10	14	9	71	294-1	309	3435	3518	4298
≥4	11	5	9	4	10	11	8	9	2	4	4	4	4	4	4	88	780-1	181	3856	4111	4402

HOURS DURATION OF EVENTS

28 36.1N 123.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	1																6-1	1	1	1	4241
≥34	13	10	1	1													24-1	25	40	40	4241
≥28	42	21	13	3	6	7	3		2								54-2	97	246	248	4241
≥22	100	55	31	4	21	18	12	5	7	10	6	3	2	4	4	2	132-1	284	1102	1113	4251
≥17	90	39	20	13	12	21	17	7	7	11	15	2	5	8	9	37	378-1	313	2255	2308	4326
≥11	50	19	11	4	7	13	6	1	4	9	3	3	6	2	4	67	756-1	209	3330	3725	4506
≥7	14	14	6	2	2		6		3	2	5	1	4	2	3	57	1362-1	121	4032	4804	5103
≥4	13	3	2	2		1						1		3		39	SEA-1	64	3752	4914	5021

HOURS DURATION OF EVENTS

29 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48			1														18-1	1	3	3	4241
≥41	2			1													24-1	3	6	6	4241
≥34	8	6		1	1												30-1	16	29	29	4241
≥28	21	10	6	5	3	1		2									48-2	48	116	116	4241
≥22	45	22	21	17	8	2	4	4	3							1	102-1	127	376	379	4241
≥17	69	34	30	23	24	10	18	8	9	7	4	2			1	3	120-1	242	977	998	4250
≥11	47	39	37	29	29	26	20	10	17	5	14	6	5	6	2	39	228-1	331	2307	2365	4260
≥7	39	20	24	10	5	18	15	11	11	17	6	14	11	9	8	70	384-1	288	3311	3441	4289
≥4	12	5	7	9	4	4	3	5	3	3	2	6	6	2	3	83	708-1	157	3676	4041	4340

HOURS DURATION OF EVENTS

31 35.6N 155.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	4	1	1														18-1	6	9	9	4241
≥28	16	8	3	1	3	1		1									48-1	33	74	75	4241
≥22	39	22	18	7	6	6	1	4	1		1	1	1				78-1	107	315	320	4241
≥17	60	30	26	21	13	12	8	7	3	5	4		3		1	7	186-1	200	846	867	4243
≥11	68	33	30	25	21	16	16	15	15	7	5	7	3	9	3	32	372-1	305	2091	2164	4256
≥7	47	19	24	22	13	14	13	12	12	8	6	14	7	9	6	61	522-1	287	3111	3322	4340
≥4	24	10	7	8	9	6	6	9	4	2	7	5	3	2	3	85	750-1	190	3696	4040	4419

HOURS DURATION OF EVENTS

32 35.4N 142.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	1																6-1	1	1	1	4241
≥34		3		1													24-1	4	10	10	4241
≥28	6	1	4	1				1			1						66-1	14	43	43	4241
≥22	23	13	9	7	7		3		1				1	1			84-1	65	196	196	4241
≥17	29	25	19	16	5	10	8	4	6	2	2	3				2	138-1	131	546	565	4241
≥11	65	27	16	21	16	21	12	12	16	15	7	3	5	3	2	19	234-1	260	1591	1641	4241
≥7	66	23	24	10	6	12	13	14	18	12	6	10	9	12	4	55	318-1	294	2704	2817	4294
≥4	40	19	24	4	6	1	3	9	7	11	4	7	9	4	4	84	570-1	236	3627	3858	4476

HOURS DURATION OF EVENTS

34 34.2N 155.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	2																6-2	2	2	2	4241
≥34	7	3				1											36-1	11	19	20	4241
≥28	15	12	3	1	3	2	1										42-1	37	86	88	4241
≥22	47	34	28	15	7	3	3	2			1	1					72-1	141	372	374	4241
≥17	72	37	39	30	28	18	8	14	10	5		3	1	1	1	1	126-1	268	1038	1053	4241
≥11	55	41	26	28	28	24	19	29	21	8	17	14	8	4	6	22	210-1	350	2285	2327	4253
≥7	31	18	14	10	17	16	23	13	14	15	22	11	10	10	8	71	246-2	303	3287	3373	4311
≥4	15	12	8	7	2	6	4	5	9	4	6	3	11	9	2	100	516-1	203	3928	4055	4417

HOURS DURATION OF EVENTS

35 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	1																6-1	1	1	1	4241
≥41	1	1															12-1	2	3	3	4241
≥34	10	1	2				1										42-1	14	25	26	4241
≥28	17	11	8	1		1					1						66-1	39	84	85	4241
≥22	48	32	22	19	6	5	2		1	1				1			84-1	137	361	370	4241
≥17	64	47	40	31	23	17	16	10	3	5	2		3	2	2	1	132-1	266	1029	1042	4245
≥11	54	35	38	32	31	10	19	31	21	13	14	11	6	11	6	23	180-1	355	2333	2364	4250
≥7	32	22	18	8	12	14	10	16	16	19	14	9	5	12	8	80	360-1	295	3333	3429	4304
≥4	19	10	9	3	4	3	7	2	7	8	5	6	5	6	5	91	792-1	190	3865	4148	4461

HOURS DURATION OF EVENTS

37 32.9N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34			1														18-1	1	3	3	4241
≥28	32	17	3		1												30-1	53	80	80	4241
≥22	103	59	24	5	4	13	10		3	2	2						66-2	225	550	552	4243
≥17	121	70	32	9	19	22	12	5	6	3	9	4	3	7	3	14	228-1	339	1504	1548	4272
≥11	114	44	23	8	10	13	9	5	1	9	12	4	1	8	7	65	552-1	333	3126	3349	4418
≥7	27	14	10		2	3	6	1	5	3	3	1	1	2	4	57	1668-1	139	3794	4374	4693
≥4	19	4	4		1	2		1	4	1	3				1	42	SEA-1	82	3957	5035	5185

HOURS DURATION OF EVENTS

38 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	1																6-1	1	1	1	4241
≥28	5	3	2														18-2	10	17	17	4241
≥22	39	13	4	9	4	7	2	1		1	1						66-1	81	218	218	4241
≥17	86	31	31	11	16	10	6	7	8	3	7	2	2		1	4	102-1	225	832	838	4246
≥11	70	27	21	11	19	10	14	9	3	9	9	10	3	6	7	50	648-1	278	2538	2659	4380
≥7	27	16	11	8	12	7	7	6	6	1	3	5	3	3	6	63	822-1	184	3540	3831	4539
≥4	17	8	1	4	2	3	3	2	2	3	3	1	1	1	1	61	2010-1	113	3938	4528	4793

HOURS DURATION OF EVENTS

40 29.6N 165.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	1																6-1	1	1	1	4241
≥28			1			1											36-1	2	9	9	4241
≥22	26	8	3	3	3		1		1	1							60-1	46	104	104	4241
≥17	58	18	12	10	6	6	5	4	5			5	1		1	2	174-1	133	486	491	4241
≥11	104	32	17	17	22	13	15	6	4	5	7	7	3	6	4	27	444-1	289	1737	1746	4247
≥7	71	28	20	16	20	10	11	13	4	8	5	2	2	8	4	72	954-1	294	3149	3202	4439
≥4	29	15	8	7	17	7	5	6	6	8	4	6	2	3	5	78	1134-1	203	4214	4507	4967

HOURS DURATION OF EVENTS

41 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	1																6-1	1	1	1	4241
≥34	2																6-2	2	2	2	4241
≥28	5	5	1														18-1	11	18	18	4241
≥22	32	21	14	7	4	1	1	1									48-1	81	185	185	4241
≥17	46	50	25	17	19	11	5	5	5	1		1	1	1		1	108-1	188	637	638	4241
≥11	64	42	34	27	23	29	26	15	14	16	6	5	6	7	1	15	162-1	330	1841	1864	4271
≥7	59	34	20	23	16	22	15	26	16	9	13	9	11	7	7	56	348-1	343	2985	3037	4328
≥4	25	11	9	7	6	8	7	7	8	7	12	6	4	7	6	82	1032-1	212	3890	4102	4591

HOURS DURATION OF EVENTS

23 42.4N 172.1E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1															12-1	1	2	2	4241
≥48	5	4	1		1	1											36-1	12	27	27	4241
≥41	11	10	2	1	2							1					72-1	27	63	63	4241
≥34	36	24	13	5	3	3		1		1					1		90-1	87	209	213	4241
≥28	49	36	41	21	7	4	4	3	1	1				2		1	150-1	170	511	516	4241
≥22	53	48	39	44	26	17	25	6	4	1	3	2		1	2	5	162-1	276	1147	1165	4243
≥17	59	48	39	32	43	26	17	14	14	16	3	5	7	2	3	14	228-1	342	1862	1910	4247
≥11	27	25	35	27	26	24	17	18	14	13	10	11	6	5	11	55	282-1	324	2992	3070	4266
≥7	20	10	7	10	14	9	10	6	14	12	15	7	3	3	5	89	654-1	234	3703	3822	4341
≥4	5	3	3	4	6		5	4	2	1	5	2	2	5	4	76	1104-1	127	4127	4322	4512

HOURS DURATION OF EVENTS

24 41.0N 134.9W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	1	1															12-1	2	3	3	4241
≥34	2	6	1	1													24-1	10	21	21	4241
≥28	22	23	7	4	1	1											36-1	58	116	117	4241
≥22	36	24	27	12	11	8	1	6	4	1							60-1	130	417	432	4241
≥17	45	39	36	27	18	18	13	8	8	2	4	5	1		2	4	186-1	230	1017	1056	4249
≥11	60	25	23	21	23	12	15	13	11	7	7	6	6	8	8	39	336-1	284	2220	2381	4262
≥7	33	8	15	15	13	10	16	10	9	6	7	5	3	5	6	79	870-1	240	3297	3515	4412
≥4	25	7	5	6	5	4	6	2	3	4	3	5	3	3	1	82	1014-1	164	3950	4238	4591

HOURS DURATION OF EVENTS

26 39.5N 153.8E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4241
≥48	6	1	1	1													24-1	9	15	16	4241
≥41	7	5	2	3	1												30-1	18	40	42	4241
≥34	19	15	5	4	2	3											36-3	48	108	110	4241
≥28	43	28	26	15	7	4	3	1									48-1	127	325	332	4241
≥22	51	47	47	26	18	17	7	7	3	2	1		1	1			84-1	228	772	781	4241
≥17	59	59	50	43	27	32	14	15	10	6	5	3	3	4	1	3	126-1	334	1454	1472	4241
≥11	58	35	39	34	32	20	35	23	16	12	14	8	6	8	7	33	222-1	380	2593	2648	4247
≥7	26	17	20	20	21	21	20	20	9	1	10	10	10	14	9	71	294-1	309	3435	3518	4298
≥4	11	5	9	4	10	11	8	9	2	4	4	4	4	4	4	88	780-1	181	3856	4111	4402

HOURS DURATION OF EVENTS

27 36.2N 127.4W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	1																6-1	1	1	1	4241
≥41		1															12-1	1	2	2	4241
≥34	3			1													24-1	4	7	7	4241
≥28	25	10	4	6	1	2	3		2								54-2	53	137	137	4242
≥22	46	25	13	16	9	9	8	4	6	3	4		3	3	1	3	96-3	153	658	686	4254
≥17	52	37	23	16	19	14	9	10	11	9	6	9	3	4	5	25	252-1	252	1654	1697	4259
≥11	40	21	13	9	6	7	11	6	3	7	3	4	6	6	3	72	750-1	217	3169	3325	4453
≥7	25	5	5	2	4	2	3	1	4	2	2	1	3	2		66	948-1	127	3733	4227	4643
≥4	12	2	1	1	3	2		1	1			2		1		40	2022-1	66	3961	4968	5135

HOURS DURATION OF EVENTS

29 35.9N 171.0W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48			1														18-1	1	3	3	4241
≥41	2			1													24-1	3	6	6	4241
≥34	8	6		1	1												30-1	16	29	29	4241
≥28	21	10	6	5	3	1		2									48-2	48	116	116	4241
≥22	45	22	21	17	8	2	4	4	3							1	102-1	127	376	379	4241
≥17	69	34	30	23	24	10	18	8	9	7	4	2			1	3	120-1	242	977	998	4250
≥11	47	39	37	29	29	26	20	10	17	5	14	6	5	6	2	39	228-1	331	2307	2365	4260
≥7	39	20	24	10	5	18	15	11	11	17	6	14	11	9	8	70	384-1	288	3311	3441	4289
≥4	12	5	7	9	4	4	3	5	3	3	2	6	6	2	3	83	708-1	157	3676	4041	4340

HOURS DURATION OF EVENTS

30 35.7N 176.1E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	1																6-1	1	1	1	4241
≥41	1	1		1													24-1	3	7	7	4241
≥34	5	1	1		1	1											36-1	9	21	21	4241
≥28	23	14	5	2	1		1	1									48-1	47	94	94	4241
≥22	44	31	24	14	9	6	6	2	2								54-2	138	391	392	4241
≥17	83	35	32	35	19	14	15	8	6	6	5	1	2	1		3	138-1	265	1014	1018	4245
≥11	56	28	28	33	23	28	23	23	16	13	17	10	11	8	6	22	234-1	345	2373	2418	4291
≥7	42	16	17	15	13	16	17	11	12	15	16	12	8	8	7	73	474-1	298	3293	3463	4351
≥4	21	13	8	2	8	3	7	6	8	4	7	5	4	6	1	86	966-1	189	3851	4230	4568

HOURS DURATION OF EVENTS

32 35.4N 142.0W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	1																6-1	1	1	1	4241
≥34		3		1													24-1	4	10	10	4241
≥28	6	1	4	1				1			1						66-1	14	43	43	4241
≥22	23	13	9	7	7		3		1				1	1			84-1	65	196	196	4241
≥17	29	25	19	16	5	10	8	4	6	2	2	3				2	138-1	131	546	565	4243
≥11	65	27	16	21	16	21	12	12	16	15	7	3	5	3	2	19	234-1	260	1591	1641	4256
≥7	66	23	24	10	6	12	13	14	18	12	6	10	9	12	4	55	318-1	294	2704	2817	4294
≥4	40	19	24	4	6	1	3	9	7	11	4	7	9	4	4	84	570-1	236	3627	3858	4476

HOURS DURATION OF EVENTS

33 34.6N 145.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	1																6-1	1	1	1	4241
≥41	2																6-2	2	2	2	4241
≥34	5	4	1														18-1	10	16	16	4241
≥28	27	16	7	2													24-2	52	88	88	4241
≥22	49	30	38	13	7	5	4		1	1			1				78-1	149	400	402	4241
≥17	39	45	47	41	24	16	17	8	7	3	3	1				2	126-1	253	1012	1024	4246
≥11	49	36	36	48	37	23	21	24	16	13	17	4	6	6	4	18	162-2	358	2190	2219	4274
≥7	39	27	19	30	25	21	18	15	14	26	3	9	6	14	3	65	246-1	334	3140	3226	4290
≥4	17	9	11	12	7	8	13	7	7	8	13	4	8	3	5	86	960-1	218	3843	4110	4518

HOURS DURATION OF EVENTS

35 34.2N 163.8E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	1																6-1	1	1	1	4241
≥41	1	1															12-1	2	3	3	4241
≥34	10	1	2				1										42-1	14	25	26	4241
≥28	17	11	8	1		1					1						66-1	39	84	85	4241
≥22	48	32	22	19	6	5	2		1	1				1			84-1	137	361	370	4241
≥17	64	47	40	31	23	17	16	10	3	5	2		3	2	2	1	132-1	266	1029	1042	4245
≥11	54	35	38	32	31	10	19	31	21	13	14	11	6	11	6	23	180-1	355	2333	2364	4250
≥7	32	22	18	8	12	14	10	16	16	19	14	9	5	12	8	80	360-1	295	3333	3429	4304
≥4	19	10	9	3	4	3	7	2	7	8	5	6	5	6	5	91	792-1	190	3865	4148	4461

HOURS DURATION OF EVENTS

36 33.7N 123.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4240
≥48	1																6-1	1	1	1	4240
≥41		1															12-1	1	2	2	4240
≥34	2		1														18-1	3	5	5	4240
≥28	13	7			1												30-1	21	32	32	4240
≥22	31	23	14	4	2	4			1								54-1	79	178	178	4240
≥17	46	40	33	30	12	7	5	5		1	2	2					72-2	183	578	578	4245
≥11	55	51	51	28	23	39	20	16	10	11	10	6	4	5	1	7	168-1	337	1692	1700	4267
≥7	62	39	29	16	19	17	24	15	11	12	10	9	14	7	9	48	360-1	341	2736	2785	4297
≥4	46	24	22	15	16	10	10	12	7	7	10	5	7	7	13	73	642-1	284	3213	3306	4373

HOURS DURATION OF EVENTS

38 31.5N 127.7W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	1																6-1	1	1	1	4241
≥28	5	3	2														18-2	10	17	17	4241
≥22	39	13	4	9	4	7	2	1		1	1						66-1	81	218	218	4241
≥17	86	31	31	11	16	10	6	7	8	3	7	2	2		1	4	102-1	225	832	838	4246
≥11	70	27	21	11	19	10	14	9	3	9	9	10	3	6	7	50	648-1	278	2538	2659	4380
≥7	27	16	11	8	12	7	7	6	6	1	3	5	3	3	6	63	822-1	184	3540	3831	4539
≥4	17	8	1	4	2	3	3	2	2	3	3	1	1	1	1	61	2010-1	113	3938	4528	4793

HOURS DURATION OF EVENTS

39 29.9N 177.3W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48		1															12-1	1	2	2	4241
≥41			1														18-1	1	3	3	4241
≥34	3					1											36-1	4	9	9	4241
≥28	4	2	1													1	102-1	8	28	28	4241
≥22	24	4	8	1	4		1	2								1	108-1	45	121	121	4241
≥17	42	22	20	8	7	4	3	3	2	1		2	3			5	126-1	122	465	465	4241
≥11	79	43	32	28	22	17	14	12	7	9	5	3	4		4	24	276-1	303	1682	1700	4244
≥7	47	25	12	13	16	10	18	15	14	12	14	9	7	3	9	62	600-1	286	3035	3087	4355
≥4	37	16	11	8	9	4	6	8	6	3	6	6	8	1	3	85	630-1	217	3688	3926	4402

HOURS DURATION OF EVENTS

41 29.4N 134.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	1																6-1	1	1	1	4241
≥34	2																6-2	2	2	2	4241
≥28	5	5	1														18-1	11	18	18	4241
≥22	32	21	14	7	4	1	1	1									48-1	81	185	185	4241
≥17	46	50	25	17	19	11	5	5	5	1		1	1	1		1	108-1	188	637	638	4241
≥11	64	42	34	27	23	29	26	15	14	16	6	5	6	7	1	15	162-1	330	1841	1864	4271
≥7	59	34	20	23	16	22	15	26	16	9	13	9	11	7	7	56	348-1	343	2985	3037	4328
≥4	25	11	9	7	6	8	7	7	8	7	12	6	4	7	6	82	1032-1	212	3890	4102	4591

HOURS DURATION OF EVENTS

42 28.6N 139.2W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28		1	1														18-1	2	5	5	4241
≥22	12	8	1	2	1	1		1									48-1	26	58	58	4241
≥17	63	27	12	5	10	2	4	3	1	2		1	1	1		1	114-1	133	374	374	4242
≥11	91	36	19	15	20	7	12	11	14	7	8	5	8	5	3	31	348-1	292	2023	2053	4326
≥7	55	25	17	9	14	10	6	5	9	4	6	1	3	1	1	70	1050-1	236	3320	3495	4445
≥4	28	13	9	6	5	5	5	4	1	4	3	1	2	3	3	65	1428-1	157	4001	4360	4712

HOURS DURATION OF EVENTS

2

SPRING

WIND SPEE

43 28.2N 125.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4240
≥48																					4240
≥41																					4240
≥34	2																6- 2	2	2	2	4240
≥28	5	2	1	1													24- 1	9	16	16	4240
≥22	21	8	3	9	1	2											36- 2	44	99	99	4245
≥17	47	30	24	14	16	6	2	2	2	2		1	1			1	96- 1	148	460	460	4246
≥11	91	49	47	30	26	29	21	12	5	5	6	9	2	1	4	17	162- 1	354	1701	1705	4261
≥7	71	34	26	25	23	16	25	17	19	10	15	13	8	7	7	48	264- 1	364	2887	2961	4292
≥4	40	29	26	14	15	7	10	10	11	11	7	8	4	2	9	86	420- 2	289	3603	3706	4404

HOURS DURATION OF EVENTS

44 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	2																6- 2	2	2	2	4241
≥28	9		1	1	1												30- 1	12	21	21	4241
≥22	19	11	5	1		1	1	1		1							60- 1	40	91	91	4241
≥17	55	24	17	9	7	3	2	2	2	1	2	2		1		1	96- 1	128	377	378	4241
≥11	98	40	37	27	23	18	14	10	9	9	7	5	3	3	1	14	228- 1	318	1501	1512	4250
≥7	80	30	30	11	29	13	23	14	14	16	12	13	8	10	6	50	258- 2	359	2786	2842	4268
≥4	40	24	21	14	13	8	7	8	6	7	4	6	9	6	7	83	528- 1	263	3710	3869	4427

HOURS DURATION OF EVENTS

46 26.1N 170.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28	3																6- 3	3	3	3	4241
≥22	16	6	1	3		1	1			1							60- 1	29	66	66	4241
≥17	40	24	10	8	7	6	5	3	2	2	2	1				1	96- 1	111	368	368	4241
≥11	91	43	28	24	13	7	14	8	6	6		1	8	4	5	29	192- 1	287	1606	1608	4259
≥7	56	31	23	14	9	8	8	13	10	7	6	6	3	4	6	62	564- 1	266	2835	2988	4295
≥4	32	12	14	12	6	4	5	5	5	5	3	6	9	1	5	74	876- 1	198	3538	3907	4431

HOURS DURATION OF EVENTS

47 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28				1													24- 1	1	4	4	4243
≥22	15	1	2		1												30- 1	19	28	29	4244
≥17	72	26	18	6	8	4	3	2	3		1						66- 1	143	341	345	4248
≥11	160	60	35	21	17	9	15	7	6	13	9	6	3	5	5	23	336- 1	394	1841	1909	4258
≥7	68	36	16	9	10	11	12	12	8	9	6	4	6	8	4	74	642- 1	293	3250	3446	4336
≥4	21	8	10	2	2	2	4	3	2	1	3	3	1	1	1	61	1350- 1	125	3832	4492	4744

HOURS DURATION OF EVENTS

49 22.6N 128.0E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28	4	1	1			1											36- 1	7	15	15	4241
≥22	11	5	4	1	2	1			1		1						66- 1	26	73	73	4241
≥17	48	17	13	7	7	4	1	2	3	1	1		1			2	108- 1	107	327	327	4246
≥11	131	48	39	13	14	10	13	8	13	7	6	9	5	1	4	11	210- 1	332	1436	1448	4258
≥7	122	45	30	16	19	15	13	16	20	13	11	7	6	7	3	55	402- 1	398	3018	3054	4350
≥4	44	10	17	11	7	6	2	3	4	3	3	2	7	3	1	86	1272- 1	209	4083	4202	4589

HOURS DURATION OF EVENTS

50 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28	7	2	1	1	1												30- 1	12	23	23	4241
≥22	20	10	5	3	3	2	1		1	4						2	114- 1	51	186	186	4241
≥17	69	18	12	4	6	11	5	2	4		1		2		2	10	228- 1	146	637	647	4244
≥11	99	36	25	20	16	16	8	4	6	3	9	3	3	4	3	40	666- 1	295	2390	2468	4477
≥7	83	23	23	6	9	9	4	1	1	2	7	4	1	1	5	66	1854- 1	245	3756	3978	4791
≥4	36	10	11	4	4	6	4	2	5		3	1	3	2	1	60	1866- 1	152	4238	4571	4883

HOURS DURATION OF EVENTS

52 19.2N 127.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	1	1															12- 1	2	3	3	4241
≥34	2					1											36- 1	3	8	8	4241
≥28	16	5	1	1		1											36- 1	24	39	39	4241
≥22	55	8	10	7	2	3	2	2	2	1	1					1	102- 1	94	243	260	4249
≥17	145	41	41	24	14	9	5	4	4	1	4	4	3	4		5	150- 1	308	969	993	4253
≥11	108	29	30	14	14	14	11	13	4	6	9	5	8	4	9	54	588- 1	332	2833	3031	4326
≥7	26	11	11	5	3	6	3	4	1	1	3	2	2	2	2	65	1044- 1	147	3797	4297	4679
≥4	11	1	1		2		2		1		1					34	1662- 1	53	3628	4919	5010

HOURS DURATION OF EVENTS

53 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	2																6- 2	2	2	2	4241
≥41	2	1	1														18- 1	4	7	7	4241
≥34	7		3	1	1												30- 1	12	25	25	4241
≥28	18	3	4	2		3	1										42- 1	31	69	69	4241
≥22	31	15	9	1	3	2	3	4	2			1					72- 1	71	202	202	4241
≥17	90	32	22	7	7	4	7	1	2	3		1	3	2		2	96- 2	183	523	525	4241
≥11	145	47	33	9	16	6	9	17	11	4	8	2	3	2	3	16	276- 1	331	1428	1437	4250
≥7	186	65	36	30	17	15	12	12	11	11	6	1	4	3	2	45	372- 1	456	2460	2492	4285
≥4	95	39	43	15	18	8	11	8	8	8	6	8	5	5	9	61	738- 1	347	3460	3629	4417

HOURS DURATION OF EVENTS

55 17.6N 138.5E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4240
≥48																					4240
≥41	1																6- 1	1	1	1	4240
≥34	3	1	1														18- 1	5	8	8	4240
≥28	11	2	4	2		1											36- 1	20	41	41	4240
≥22	45	8	8	2	5	1	3	1	1		1			1			84- 1	76	187	198	4240
≥17	85	21	22	6	10	7	9	8	5		6	2	1	2	2	2	186- 1	188	689	709	4242
≥11	106	43	29	21	18	11	6	9	3	9	7	4	4	4	1	35	342- 1	310	1907	2017	4258
≥7	90	32	26	14	15	8	5	3	3	7	5	3	5	7	5	51	612- 1	279	2782	3139	4286
≥4	42	19	21	6	4	5	6	4	2	2	8	3	2	3	4	61	930- 1	192	3595	4204	4616

HOURS DURATION OF EVENTS

56 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	1																6- 1	1	1	1	4241
≥34	5	1															12- 1	6	7	7	4241
≥28	5	2					1										42- 1	8	16	16	4241
≥22	11	5	2		1		1		1			1					72- 1	22	60	60	4244
≥17	64	16	7	2	2	2	1	1		1						1	96- 1	97	188	189	4244
≥11	209	78	48	24	26	19	15	2	5	1	5	1	2	2	2	5	120- 1	444	1260	1266	4248
≥7	133	70	59	21	23	28	22	10	16	8	16	4	8	5	10	46	306- 1	479	2893	2981	4298
≥4	37	21	12	5	12	10	6	4	5	4	8	5	4	9	3	70	924- 1	215	3631	4007	4394

HOURS DURATION OF EVENTS

58 14.5N 127.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41			1														18- 1	1	3	3	4241
≥34	1				1												30- 1	2	6	6	4241
≥28	8		1			1											36- 1	10	17	17	4241
≥22	18	4	2	1	2	1		1				1					72- 1	30	72	72	4241
≥17	36	17	7	5	7	1	1		1	1	1	1			1	1	102- 1	80	233	233	4241
≥11	152	49	29	13	15	6	8	5	4	2	4	2	2	3		14	150- 1	308	1075	1080	4256
≥7	182	75	36	25	20	6	18	11	5	8	9	3	5	6	5	36	282- 2	450	2251	2423	4276
≥4	94	43	36	8	17	15	11	8	6	4	10	8	6	3	5	61	762- 1	335	3242	3552	4320

HOURS DURATION OF EVENTS

59 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	2		1														18- 1	3	5	5	4241
≥28	2	1	1	1	1												30- 1	6	16	16	4241
≥22	22	4	3	2		1	3			2		2					72- 2	39	118	118	4241
≥17	85	35	16	7	11	5	4	1		2	4	2	4	1	1	8	240- 1	186	712	718	4250
≥11	81	34	32	16	15	12	5	5	8	13	8	3	6	4	8	52	858- 1	302	2983	3267	4407
≥7	13	6	3	3	3	2	1			2			1	3	1	41	SEA- 1	79	3803	4369	4565
≥4	2	1	2				2				1					22	SEA- 5	30	4133	5132	5178

HOURS DURATION OF EVENTS

61 12.0N 156.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	1																6- 1	1	1	1	4241
≥28	7	1						1									48- 1	9	17	17	4241
≥22	22	12	4	1	1	1	1	1		1						1	102- 1	45	115	115	4241
≥17	90	21	20	7	9	5	4	3	1	3	1	2	1	1	2	1	210- 1	171	513	521	4241
≥11	169	41	48	15	15	7	18	13	11	7	4	4	3	3	2	31	636- 1	391	2205	2326	4259
≥7	49	12	8	4	7	11	1	3	6	1	1	3	2	3	2	53	1224- 1	166	3349	3976	4398
≥4	3		1			1	2	1		1				2	2	29	2130- 1	42	3727	4862	4925

HOURS DURATION OF EVENTS

62 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28																					4241
≥22																					4241
≥17																					4241
≥11	7	2	2				1										42- 1	12	24	24	4241
≥7	33	12	5	1	3	1	3	2	4								54- 4	64	170	170	4251
≥4	98	39	22	12	8	7	5	2	7	1		2			1	1	108- 1	205	553	554	4255

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

125.9E

T	T*	TH
		4240
		4240
		4240
2	2	4240
16	16	4240
99	99	4245
460	460	4246
1701	1705	4261
2887	2961	4292
3603	3706	4404

44 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	2																6-2	2	2	2	4241
≥28	9		1	1	1												30-1	12	21	21	4241
≥22	19	11	5	1		1	1	1		1							60-1	40	91	91	4241
≥17	55	24	17	9	7	3	2	2	2	1	2	2		1		1	96-1	128	377	378	4243
≥11	98	40	37	27	23	18	14	10	9	9	7	5	3	3	1	14	228-1	318	1501	1512	4250
≥7	80	30	30	11	29	13	23	14	14	16	12	13	8	10	6	50	258-2	359	2786	2842	4268
≥4	40	24	21	14	13	8	7	8	6	7	4	6	9	6	7	83	528-1	263	3710	3869	4427

HOURS DURATION OF EVENTS

45 27.8N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	1																6-1	1	1	1	4241
≥28	1	1	3														18-3	5	12	12	4241
≥22	19	5	8	2	2			1							1		90-1	38	94	94	4241
≥17	61	27	18	12	9	3	6	2	3	5		2		1	1	2	210-1	152	527	527	4241
≥11	84	32	35	19	10	8	11	7	10	10	5	2	2	5	1	45	450-1	286	2186	2231	4278
≥7	48	21	12	3	8	6	9	5	6	6	4	2	6		3	68	882-1	207	3355	3639	4475
≥4	22	3	7	3	2	2	2	4	2	7	4	2	4	2		56	1542-1	122	3740	4295	4600

HOURS DURATION OF EVENTS

170.8E

T	T*	TH
		4241
		4241
		4241
		4241
3	3	4241
66	66	4241
368	368	4241
1606	1608	4259
2835	2988	4295
3538	3907	4431

47 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28				1													24-1	1	4	4	4243
≥22	15	1	2		1												30-1	19	28	29	4244
≥17	72	26	18	6	8	4	3	2	3		1						66-1	143	341	345	4248
≥11	160	60	35	21	17	9	15	7	6	13	9	6	3	5	5	23	336-1	394	1841	1909	4258
≥7	68	36	16	9	10	11	12	12	8	9	6	4	6	8	4	74	642-1	293	3250	3446	4336
≥4	21	8	10	2	2	2	4	3	2	1	3	3	1	1	1	61	1350-1	125	3832	4492	4744

HOURS DURATION OF EVENTS

48 23.5N 151.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28	2																6-2	2	2	2	4241
≥22	29	9	4	2	2						1						66-1	47	88	88	4241
≥17	67	26	13	13	4	9	6	4	3	2	2	1	1	1		6	234-1	158	602	608	4242
≥11	103	40	35	11	13	9	15	8	6	1	5	5	6	2	7	47	468-1	313	2441	2605	4350
≥7	27	11	9	4	8	1	7	6	2	3	3	2	1	1	3	62	1494-1	150	3663	4380	4907
≥4	7	3	1	2	3	4	1	1	2	2		1	3	2		44	2106-1	76	3954	5445	5609

HOURS DURATION OF EVENTS

128.0E

T	T*	TH
		4241
		4241
		4241
		4241
[illegible]	15	4241
73	73	4241
327	327	4246
436	1448	4258
018	3054	4350
083	4202	4589

50 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28	7	2	1	1	1												30-1	12	23	23	4241
≥22	20	10	5	3	3	2	1		1	4						2	114-1	51	186	186	4241
≥17	69	18	12	4	6	11	5	2	4		1		2		2	10	228-1	146	637	647	4244
≥11	99	36	25	20	16	16	8	4	6	3	9	3	3	4	3	40	666-1	295	2390	2468	4477
≥7	83	23	23	6	9	9	4	1	1	2	7	4	1	1	5	66	1854-1	245	3756	3978	4791
≥4	36	10	11	4	4	6	4	2	5		3	1	3	2	1	60	1866-1	152	4238	4571	4883

HOURS DURATION OF EVENTS

51 20.5N 177.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28	4	1	1														18-1	6	9	9	4241
≥22	17	9	4	4	1	4	2										42-2	41	106	106	4241
≥17	70	24	10	7	8	7	3	3	5	5	4	1	3		2	3	126-1	155	580	589	4246
≥11	85	30	25	15	11	9	7	5	14	6	11	2	5	1	4	38	996-1	268	2216	2375	4266
≥7	38	18	11	7	8	3	6	1	7		3		1	4	3	66	774-1	176	3154	3958	4581
≥4	9	7		1	3	1	1		1	4	1		2			41	1776-1	71	3795	4871	5022

HOURS DURATION OF EVENTS

127.8W

T	T*	TH
		4241
		4241
3	3	4241
9	8	4241
39	39	4241
243	260	4249
969	993	4253
833	3031	4326
797	4297	4679
628	4919	5010

53 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48	2																6-2	2	2	2	4241
≥41	2	1	1														18-1	4	7	7	4241
≥34	7		3	1	1												30-1	12	25	25	4241
≥28	18	3	4	2		3	1										42-1	31	69	69	4241
≥22	31	15	9	1	3	2	3	4	2			1					72-1	71	202	202	4241
≥17	90	32	22	7	7	4	7	1	2	3		1	3	2		2	96-2	183	523	525	4241
≥11	145	47	33	9	16	6	9	17	11	4	8	2	3	2	3	16	276-1	331	1428	1437	4250
≥7	186	65	36	30	17	15	12	12	11	11	6	1	4	3	2	45	372-1	456	2460	2492	4285
≥4	95	39	43	15	18	8	11	8	8	8	6	8	5	5	9	61	738-1	347	3460	3629	4417

HOURS DURATION OF EVENTS

54 18.2N 168.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	2																6-2	2	2	2	4241
≥28	8	1	2	1		1											36-1	13	26	26	4241
≥22	45	10	17	3	6		1	1		1		1	2			1	96-1	88	237	243	4241
≥17	96	35	18	12	10	8	8	4	5		4	2		3	1	10	294-1	216	884	919	4246
≥11	93	25	31	16	8	10	9	8	7	7	8	5	6	4	6	39	1062-1	282	2457	2709	4259
≥7	23	12	7	6	1	5	3	1	3	3		2	4	2	1	59	1110-1	132	3282	4165	4616
≥4	9	3	2	2	1	2	2	1		2	1		2	1		33	1890-1	61	3913	4923	5048

HOURS DURATION OF EVENTS

138.5E

T	T*	TH
		4240
		4240
	1	4240
9	8	4240
41	41	4240
87	198	4240
89	709	4242
07	2017	4258
82	3139	4286
95	4204	4616

56 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	1																6-1	1	1	1	4241
≥34	5	1															12-1	6	7	7	4241
≥28	5	2					1										42-1	8	16	16	4241
≥22	11	5	2		1		1		1			1					72-1	22	60	60	4244
≥17	64	16	7	2	2	2	1	1		1						1	96-1	97	188	189	4244
≥11	209	78	48	24	26	19	15	2	5	1	5	1	2	2	2	5	120-1	444	1260	1266	4248
≥7	133	70	59	21	23	28	22	10	16	8	16	4	8	5	10	46	306-1	479	2893	2981	4298
≥4	37	21	12	5	12	10	6	4	5	4	8	5	4	9	3	70	924-1	215	3631	4007	4394

HOURS DURATION OF EVENTS

57 14.9N 147.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41	2			1													24-1	3	6	6	4241
≥34	5	1									1						66-1	7	18	18	4241
≥28	15	1	2	1	1			1							1		90-1	22	55	55	4241
≥22	75	13	9	3	3	4	1				1		1			1	114-1	111	229	229	4241
≥17	187	18	34	12	10	4	8	1	2	1	3	3	2			2	168-1	287	679	715	4241
≥11	232	47	45	14	29	12	15	6	10	3	13	2	8	1	7	30	360-2	474	2168	2268	4265
≥7	123	36	30	9	14	9	14	5	5	6	12	3	6	4	3	62	732-1	341	3134	3420	4295
≥4	36	11	15	5	5	3	3	6	2	3		4	1		1	64	924-2	159	3494	4225	4507

HOURS DURATION OF EVENTS

27.7E

T	T*	TH
		4241
		4241
3	3	4241
6	6	4241
17	17	4241
72	72	4241
33	233	4241
75	1080	4256
51	2423	4276
42	3552	4320

59 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34	2		1														18-1	3	5	5	4241
≥28	2	1	1	1	1												30-1	6	16	16	4241
≥22	22	4	3	2		1	3			2		2					72-2	39	118	118	4241
≥17	85	35	16	7	11	5	4	1		2	4	2	4	1	1	8	240-1	186	712	718	4250
≥11	81	34	32	16	15	12	5	5	8	13	8	3	6	4	8	52	858-1	302	2983	3267	4407
≥7	13	6	3	3	3	2	1			2			1	3	1	41	SEA-1	79	3803	4369	4565
≥4	2	1	2				2				1					22	SEA-5	30	4133	5132	5178

HOURS DURATION OF EVENTS

60 12.2N 112.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28																					4241
≥22	2	1	2	1												1	102-1	7	31	31	4241
≥17	20	8	4	3	1	1			1						1	1	120-1	40	115	115	4241
≥11	99	29	21	12	4	8	4	7	3	3	1		1	2	2	10	384-1	206	850	856	4322
≥7	179	61	41	13	13	8	6	6	3	8	4	2	4	4	2	28	486-1	382	2011	2045	4447
≥4	158	67	53	19	18	9	9	4	2	8	7	3	2	5	2	45	834-1	411	2791	2862	4492

HOURS DURATION OF EVENTS

06.7E

T	T*	TH
		4241
		4241
		4241
	1	4241
7	17	4241
5	115	4241
3	521	4241
5	2326	4259
9	3976	4398
7	4862	4925

62 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28																					4241
≥22																					4241
≥17																					4241
≥11	7	2	2				1										42-1	12	24	24	4241
≥7	33	12	5	1	3	1	3	2	4								54-4	64	170	170	4251
≥4	98	39	22	12	8	7	5	2	7	1		2			1	1	108-1	205	553	554	4255

HOURS DURATION OF EVENTS

63 2.1N 123.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥48																					4241
≥41																					4241
≥34																					4241
≥28																					4241
≥22																					4241
≥17																					4241
≥11	3	1															12-1	4	5	5	4241
≥7	42	4	1		1			1	1		1						66-1	51	88	88	4241
≥4	204	44	60	12	6	6	11	1	1	2	1	1		1	2	14	678-1	366	1329	1365	4242

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS

1 64.0N 166.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41		1															12-1	1	2	2	4100
≥34			1	2	1												30-1	4	16	16	4100
≥28	6	4	2		1	1	1	3									48-3	18	62	62	4101
≥22	15	15	7	5	2	1	4	3	1	1	2	1	1				78-1	58	220	220	4104
≥17	34	13	18	14	13	9	6	4	4	4	2	3	2	1	1	9	180-1	137	744	748	4151
≥11	47	27	17	17	16	16	15	11	15	6	4	4	10	2	4	29	234-1	240	1826	1893	4181
≥7	29	14	16	12	14	19	5	14	13	10	9	7	11	8	8	57	420-1	246	2868	3010	4223
≥4	24	15	12	16	8	7	7	5	4	5	4	9	3	7	8	76	558-1	210	3286	3685	4308

HOURS DURATION OF EVENTS

2 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48		2															12-2	2	4	4	4100
≥41	1	2				1											36-1	4	11	11	4100
≥34	2	2	3	3			1										42-1	11	34	34	4101
≥28	9	8	6	4	5	2	2	2	2								54-2	40	144	144	4102
≥22	24	16	10	9	12	6	9	6	1	2	2		2	1	1		90-1	101	435	438	4106
≥17	33	20	18	13	14	14	9	13	12	4	3	3	3	3	5	5	138-1	172	970	986	4135
≥11	31	30	24	15	22	19	17	8	16	4	13	9	8	4	7	38	270-1	265	2212	2249	4181
≥7	24	9	12	10	15	13	12	12	8	6	8	9	9	8	3	69	360-1	227	3054	3317	4262
≥4	14	4	10	4	3	1	2	4	4	4	2	3	1	9	2	73	792-1	140	3608	4249	4624

HOURS DURATION OF EVENTS

4 56.8N 174.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41	5																6-5	5	5	5	4100
≥34	7	3	2	2	3				1								54-1	18	51	51	4108
≥28	17	11	8	7	4	5	2	2					2				78-2	58	197	197	4118
≥22	28	8	12	12	14	11	7	6	5	1	4					4	114-2	112	534	538	4130
≥17	46	27	23	14	20	22	14	11	11	5	4	6	5		1	11	132-1	220	1191	1214	4138
≥11	39	27	22	9	17	22	17	6	14	11	6	10	7	7	5	55	378-1	274	2543	2598	4224
≥7	21	16	7	13	7	4	11	6	12	11	8	4	8	1	4	85	492-1	218	3143	3557	4315
≥4	11	5	6	5	4	3	1	2	6	4	1	2	2	1	3	74	1080-1	130	3377	4066	4345

HOURS DURATION OF EVENTS

5 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41	3				1												30-1	4	8	8	4100
≥34	6	3	2	1	2		1										42-1	15	39	39	4100
≥28	7	6	5	1	3	3	1		2								54-2	28	96	98	4100
≥22	25	13	12	11	4	3	4	5	3			1		1			84-1	82	290	305	4102
≥17	42	22	14	20	17	7	6	8	3	4	3	4	3	1	1	3	108-1	158	707	741	4104
≥11	52	25	30	15	21	23	17	11	14	9	10	9	3	5	7	20	222-1	271	1852	1930	4190
≥7	30	18	23	12	13	11	10	8	12	9	11	10	11	7	6	62	546-1	253	2935	3146	4343
≥4	16	22	5	11	9	7	5	4	1	9	7	3	2	7	4	72	546-1	184	3429	3867	4375

HOURS DURATION OF EVENTS

7 53.4N 164.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1																6-1	1	1	1	4100
≥41	2																6-2	2	2	2	4100
≥34	2	6	[illegible]	[illegible]		1											36-1	11	27	27	4105
≥28	6	5	5	6		1	1		1								54-1	25	77	77	4107
≥22	32	14	13	12	8	10	3	1			2				1		90-1	96	313	314	4111
≥17	36	34	16	17	19	18	15	12	9		1	3	1	1	1	2	102-1	185	827	844	4118
≥11	52	19	21	22	20	19	25	11	10	13	12	11	5	4	4	29	234-1	277	1948	2035	4143
≥7	24	28	20	20	14	15	8	11	7	15	8	14	3	4	6	70	426-1	267	2903	3123	4219
≥4	12	11	10	5	8	7	8	7	3	3	6	6	3	5	4	77	864-1	175	3425	3916	4383

HOURS DURATION OF EVENTS

8 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1																6-1	1	1	1	4100
≥41	4	4		1													24-1	9	16	16	4100
≥34	10	4	8	3	2			1									48-1	28	72	72	4102
≥28	26	19	12	6	6	4	1	1	2					1			84-1	78	225	225	4106
≥22	41	20	24	18	13	9	8	5	5	2	3	1	1		1	1	126-1	152	599	607	4114
≥17	48	46	34	21	21	20	18	7	14	6	2	4	3	3	3	6	144-1	256	1232	1274	4123
≥11	58	36	26	22	13	13	17	16	13	10	8	16	8	4	5	50	222-1	315	2481	2581	4154
≥7	23	5	16	11	10	13	14	11	12	9	8	7	7	8	5	72	582-1	231	3300	3605	4281
≥4	12	5		1	3	4	3	3	6	6	4	4	2	1	1	76	996-1	131	3490	4227	4477

HOURS DURATION OF EVENTS

10 51.7N 135.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1																6-1	1	1	1	4100
≥41	3	1															12-1	4	5	5	4100
≥34	11	4	3	2													24-2	20	36	37	4100
≥28	19	11	8	5	6	1											36-1	50	121	123	4100
≥22	31	20	17	12	11	6	9		1	1	1		1			2	108-1	112	401	414	4101
≥17	50	26	23	18	10	18	7	6	4	7	5	3	3	4	1	7	126-1	192	929	963	4115
≥11	53	23	21	21	18	16	15	20	13	14	9	4	12	3	2	35	270-1	279	2202	2266	4133
≥7	31	18	11	9	13	8	10	6	7	9	3	5	5	7	3	81	636-1	226	3289	3454	4336
≥4	10	9	5	1	5	3	5	5	2	1	3		1	1	1	66	1272-1	118	3820	4408	4705

HOURS DURATION OF EVENTS

11 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	2																6-2	2	2	2	4100
≥41	6	3		2													24-2	11	20	21	4101
≥34	18	8	2	5	3	2											36-2	38	87	90	4102
≥28	35	25	17	7	2	6	4	3	2								54-2	101	280	295	4105
≥22	49	24	28	13	20	8	8	18	2	6	3	2	1			3	102-2	185	779	821	4111
≥17	41	39	32	29	19	23	13	6	10	12	7	4	6	3	1	19	204-1	264	1571	1641	4138
≥11	34	20	19	21	13	10	14	11	6	5	9	12	6	4	2	66	624-1	252	2920	3051	4296
≥7	15	13	8	8	9	13	4	7	5	6	8	4	7	4	10	71	768-1	192	3431	3855	4407
≥4	8	2	2	4	3	2	1	1	1	3	2	1	3	3	1	53	1032-1	90	3579	4353	4526

HOURS DURATION OF EVENTS

13 50.3N 171.3W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	3		1														18-1	4	6	6	4100
≥41	6	4		1													24-1	11	18	19	4100
≥34	17	8	8	2	2	2											36-2	39	87	91	4101
≥28	29	21	14	12	7	5	4	2	1	1		1					72-1	97	301	309	4111
≥22	29	34	26	18	16	7	11	10	3	5	5	3	2		2	3	96-3	174	798	817	4126
≥17	49	32	30	28	27	22	13	9	9	12	10	9	3	1	5	15	162-1	274	1582	1606	4164
≥11	39	18	16	18	19	18	11	12	17	16	11	2	13	4	7	54	438-1	275	2768	2854	4190
≥7	18	13	9	6	13	8	6	6	5	8	3	5	5	7	7	79	840-1	198	3432	3638	4252
≥4	5	4	2	4	7	1	4	3	5	1	2	2	1	3	2	69	1680-1	115	3769	4551	4796

HOURS DURATION OF EVENTS

14 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1	1															12-1	2	3	3	4100
≥41	3	7	1	1	1												30-1	13	29	29	4100
≥34	19	9	6	2	3	2	1										42-1	42	97	97	4100
≥28	31	26	15	14	6	6	2	3	2								54-2	105	306	312	4102
≥22	46	32	23	14	20	13	6	7	8	4	1	1	2	1		3	114-1	181	740	753	4107
≥17	54	38	33	32	20	19	17	9	7	8	6	6		3	7	13	138-2	272	1435	1474	4139
≥11	44	28	28	24	16	24	19	15	13	8	15	10	7	5	8	46	288-1	310	2627	2751	4166
≥7	19	14	7	11	12	10	10	11	5	9	7	7	9	5	2	77	534-1	215	3337	3576	4191
≥4	12	3	3	4	2	7	4	4	4	3	2	2	1	4	5	63	948-1	123	3388	4165	4388

HOURS DURATION OF EVENTS

16 47.1N 161.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1		1														18-1	2	4	4	4100
≥41	5	1	1	1													24-1	8	14	14	4100
≥34	7	4	3	4		1	1										42-1	20	53	53	4101
≥28	29	19	9	5	2	1	1		2			1	1				78-1	70	180	180	4103
≥22	34	29	31	13	16	3	2	2	5	3	2		1	1		2	108-1	144	524	527	4105
≥17	59	36	33	33	20	12	10	10	9	3	3	4		3	1	7	144-1	243	1072	1107	4105
≥11	62	34	38	31	24	26	22	20	16	9	12	5	9	8	5	26	258-1	347	2307	2381	4130
≥7	30	16	12	11	14	17	20	17	11	10	10	9	11	3	6	70	366-1	267	3223	3468	4241
≥4	8	9	6	7	6	2	4	5	4	2	7	1	2	2	6	84	780-1	155	3531	4021	4298

HOURS DURATION OF EVENTS

17 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4099
≥48		1															12-1	1	2	2	4099
≥41				1													24-1	1	4	4	4099
≥34	4	3	1					1									48-1	9	21	21	4099
≥28	11	4	3	1	1		2								1		90-1	23	66	66	4099
≥22	26	13	10	7	5	1		1	1	1					1		90-1	66	183	188	4103
≥17	45	29	21	17	13	8	5	1	2	3	3	1				2	132-1	150	522	538	4108
≥11	64	38	31	36	22	17	22	11	12	5	2	4	8	6	2	11	168-1	291	1500	1538	4136
≥7	62	32	30	19	21	24	16	18	13	17	10	3	5	4	8	43	252-1	325	2413	2525	4179
≥4	65	31	22	17	12	19	10	16	10	12	14	5	6	7	4	57	294-1	307	2611	2758	4209

HOURS DURATION OF EVENTS

19 44.3N 177.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41	8																6-8	8	8	8	4100
≥34	13	6	5	1		2	1										42-1	28	63	63	4101
≥28	35	21	11	11	12	3	2	2					1				78-1	98	275	275	4102
≥22	48	40	30	26	20	8	11	5	6	2	3	1	1	1	1	3	132-1	206	806	816	4123
≥17	53	44	30	27	23	20	17	18	7	15	7	7	2	3	3	12	228-1	288	1579	1607	4138
≥11	36	24	13	22	12	13	8	14	16	10	13	8	10	8	6	54	378-1	267	2675	2815	4201
≥7	13	25	8	7	11	7	8	6	10	1	6	12	8	7	7	82	762-1	218	3485	3659	4301
≥4	7	3	5	5	2	2	2	2	4	3	2	4	1	3	1	73	804-1	119	3601	4030	4269

HOURS DURATION OF EVENTS

20 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	2																6-2	2	2	2	4100
≥41	2		1														18-1	3	5	5	4100
≥34	6	6	6	1	3												30-3	22	55	55	4100
≥28	23	16	12	15	2	1	1	3									48-3	73	198	203	4100
≥22	56	20	21	16	11	14	9	6	4	3	2	1	1			1	96-1	165	602	621	4102
≥17	46	25	19	20	16	13	9	15	8	4	5	8	7	3	2	10	258-1	210	1210	1275	4119
≥11	49	16	20	18	19	11	10	10	14	13	9	4	5	5	2	54	324-1	259	2418	2523	4139
≥7	29	10	10	13	11	10	10	4	5	3	4	6	3	2	2	76	588-2	198	3248	3474	4255
≥4	10	3	14	4	6	3	2	1	2	2	1	1	3	2	1	72	1002-1	127	3544	4064	4394

HOURS DURATION OF EVENTS

SUMMER

2 — 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>48		2															12-2	2	4	4	4100
>41	1	2				1											36-1	4	11	11	4100
>34	2	2	3	3			1										42-1	11	34	34	4101
>28	9	8	6	4	5	2	2	2	2								54-2	40	144	144	4102
>22	24	16	10	9	12	6	9	6	1	2	2		2	1	1		90-1	101	435	438	4106
>17	33	20	18	13	14	14	9	13	12	4	3	3	3	3	5	5	138-1	172	970	986	4135
>11	31	30	24	15	22	19	17	8	16	4	13	9	8	4	7	38	270-1	265	2212	2249	4181
>7	24	9	12	10	15	13	12	12	8	6	8	9	9	8	3	69	360-1	227	3054	3317	4262
>4	14	4	10	4	3	1	2	4	4	4	2	3	1	9	2	73	792-1	140	3608	4249	4624

HOURS DURATION OF EVENTS

3 — 58.5N 151.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41	1																6-1	1	1	1	4100
≥34	3	2	2														18-2	7	13	13	4100
≥28	13	12	6	3	2	3											36-3	39	95	97	4100
≥22	25	15	20	11	7	4	2	6	4					1			84-1	95	330	332	4103
≥17	33	26	17	20	12	7	10	12	5	2	4	2	2			4	138-1	156	718	734	4111
≥11	45	28	24	22	20	18	19	12	10	12	7	12	8	6	2	19	264-1	264	1754	1834	4133
≥7	42	24	20	12	19	17	9	13	12	16		8	9	6	9	55	276-1	271	2684	2882	4181
≥4	33	22	13	9	8	15	7	7	5	3	10	6	4	7	10	79	630-1	238	3367	3654	4344

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>48																					4100
>41	3				1												30-1	4	8	8	4100
>34	6	3	2	1	2		1										42-1	15	39	39	4100
>28	7	6	5	1	3	3	1		2								54-2	28	96	98	4100
>22	25	13	12	11	4	3	4	5	3			1		1			84-1	82	290	305	4102
>17	42	22	14	20	17	7	6	8	3	4	3	4	3	1	1	3	108-1	158	707	741	4104
>11	52	25	30	15	21	23	17	11	14	9	10	9	3	5	7	20	222-1	271	1852	1930	4190
>7	30	18	23	12	13	11	10	8	12	9	11	10	11	7	6	62	546-1	253	2935	3146	4343
>4	16	22	5	11	9	7	5	4	1	9	7	3	2	7	4	72	546-1	184	3429	3867	4375

HOURS DURATION OF EVENTS

6 — 54.9N 167.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	2	1															12-1	3	4	4	4100
≥41	3	2	2														18-2	7	13	13	4100
≥34	13	6	6	1		3											36-3	29	65	66	4100
≥28	25	14	13	4	4	4	1	2		1							60-1	68	185	187	4103
≥22	41	22	25	15	22	9	9	5	2	4	1	1		1	2	1	96-1	160	628	633	4125
≥17	49	30	26	30	24	21	12	13	5	13	7	4	3	1	3	10	210-1	251	1358	1371	4156
≥11	29	16	17	15	23	21	16	18	8	12	8	13	11	13	5	43	414-1	268	2637	2716	4222
≥7	18	12	9	6	8	14	8	2	9	10	7	9	5	4	14	74	636-1	209	3305	3611	4347
≥4	10	3	6	3		7	3		1	1	1	3	2	2		77	1746-1	119	3808	4377	4635

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
≥48	1																6-1	1	1	1	4100
≥41	4	4		1													24-1	9	16	16	4100
≥34	10	4	8	3	2			1									48-1	28	72	72	4102
≥28	26	19	12	6	6	4	1	1	2					1			84-1	78	225	225	4106
≥22	41	20	24	18	13	9	8	5	5	2	3	1	1		1	1	126-1	152	599	607	4114
≥17	48	46	34	21	21	20	18	7	14	6	2	4	3	3	3	6	144-1	256	1232	1274	4123
≥11	58	36	26	22	13	13	17	16	13	10	8	16	8	4	5	50	222-1	315	2481	2581	4154
≥7	23	5	16	11	10	13	14	11	12	9	8	7	7	8	5	72	582-1	231	3300	3605	4281
≥4	12	5		1	3	4	3	3	6	6	4	4	2	1	1	76	996-1	131	3490	4227	4477

HOURS DURATION OF EVENTS

9 — 51.7N 158.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4100
≥48	1	1															12-1	2	3	3	4100
≥41	2	3		1													24-1	6	12	12	4100
≥34	3	4	2	4													24-4	13	33	33	4100
≥28	13	7	9	2	2	1	1	1									48-1	36	93	93	4100
≥22	29	26	7	5	10	6	7	1	2			1				1	96-1	95	311	311	4104
≥17	42	30	24	26	10	16	8	10	14	4	1	3		1		4	132-1	193	864	876	4122
≥11	33	23	28	30	24	18	22	12	8	13	13	5	7	2	7	29	282-1	274	2034	2085	4198
≥7	32	12	18	14	16	13	14	14	9	8	11	9	15	8	2	66	390-1	261	2908	3104	4235
≥4	21	12	8	7	6	7	11	9	7	4	6	7	4	7	4	74	846-1	194	3376	3946	4467

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
≥48	2																6-2	2	2	2	4100
≥41	6	3		2													24-2	11	20	21	4101
≥34	18	8	2	5	3	2											36-2	38	87	90	4102
≥28	35	25	17	7	2	6	4	3	2								54-2	101	280	295	4105
≥22	49	24	28	13	20	8	8	18	2	6	3	2	1			3	102-2	185	779	821	4111
≥17	41	39	32	29	19	23	13	6	10	12	7	4	6	3	1	19	204-1	264	1571	1641	4138
>11	34	20	19	21	13	10	14	11	6	5	9	12	6	4	2	66	624-1	252	2920	3051	4296
>7	15	13	8	8	9	13	4	7	5	6	8	4	7	4	10	71	768-1	192	3431	3855	4407
≥4	8	2	2	4	3	2	1	1	1	3	2	1	3	3	1	53	1032-1	90	3579	4353	4526

HOURS DURATION OF EVENTS

12 — 50.9N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1																6-1	1	1	1	4100
≥41	7	2															12-2	9	11	11	4100
≥34	12	9	3	2	1												30-1	27	52	57	4100
≥28	24	15	8	9	3	1	5	2				1					72-1	68	198	203	4100
≥22	50	17	27	15	16	10	10	4	5	1	2	5		2		1	114-1	165	651	659	4108
≥17	56	38	36	22	16	20	14	16	8	7	9	5	6	9	3	9	138-1	274	1468	1513	4131
≥11	35	15	11	11	17	8	11	6	6	6	5	2	8	10	5	68	462-1	224	2844	2999	4274
≥7	17	12	12	3	5	6	7	8	1	7	6	1	3	1	2	67	792-1	158	3123	3786	4354
≥4	9	7	4	5	3	3	3	3	4	2	3		2	2		50	1686-1	100	3527	4451	4697

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1	1															12-1	2	3	3	4100
≥41	3	7	1	1	1												30-1	13	29	29	4100
≥34	19	9	6	2	3	2	1										42-1	42	97	97	4100
≥28	31	26	15	14	6	6	2	3	2								54-2	105	306	312	4102
≥22	46	32	23	14	20	13	6	7	8	4	1	1	2	1		3	114-1	181	740	753	4107
≥17	54	38	33	32	20	19	17	9	7	8	6	6		3	7	13	138-2	272	1435	1474	4139
≥11	44	28	28	24	16	24	19	15	13	8	15	10	7	5	8	46	288-1	310	2627	2751	4166
≥7	19	14	7	11	12	10	10	11	5	9	7	7	9	5	2	77	534-1	215	3337	3576	4191
≥4	12	3	3	4	2	7	4	4	4	3	2	2	1	4	5	63	948-1	123	3388	4165	4388

HOURS DURATION OF EVENTS

15 — 49.0N 128.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34	2	2	1														18-1	5	9	9	4100
≥28	6	7	3	1													24-1	17	33	33	4100
≥22	19	9	6	6	2	5	1	1		1							60-1	50	144	144	4105
≥17	52	16	16	9	10	7		5	3	1	1	3		2		1	96-1	126	428	437	4110
≥11	80	59	31	16	21	16	13	5	8	11	9	4	3	6	2	17	246-1	301	1562	1622	4127
≥7	54	47	25	13	16	20	19	9	6	10	12	4	5	10	7	49	420-1	306	2804	3025	4177
≥4	19	21	8	6	12	6	7	7	1	5	4	4	5	3	6	66	852-1	180	3398	3827	4248

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4099
≥48		1															12-1	1	2	2	4099
≥41				1													24-1	1	4	4	4099
≥34	4	3	1					1									48-1	9	21	21	4099
≥28	11	4	3	1	1		2								1		90-1	23	66	66	4099
≥22	26	13	10	7	5	1			1	1	1				1		90-1	66	183	188	4103
≥17	45	29	21	17	13	8	5	1	2	3	3	1				2	132-1	150	522	538	4108
≥11	64	38	31	36	22	17	22	11	12	5	2	4	8	6	2	11	168-1	291	1500	1538	4136
≥7	62	32	30	19	21	24	16	18	13	17	10	3	5	4	8	43	252-1	325	2413	2525	4179
≥4	65	31	22	17	12	19	10	16	10	12	14	5	6	7	4	57	294-1	307	2611	2758	4209

HOURS DURATION OF EVENTS

18 — 45.6N 144.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41	1																6-1	1	1	1	4100
≥34	7	7															12-7	14	21	21	4100
≥28	23	13	5	9	3	1			1								54-1	55	130	133	4100
≥22	34	22	16	12	13	7	8	2	2	2	1	2	1	2		1	108-1	125	485	501	4106
≥17	44	17	19	13	18	18	11	9	9	11	4		2	3	4	9	174-1	191	1082	1116	4111
≥11	47	16	14	11	15	10	13	5	5	6	7	9	8	10	3	51	354-1	230	2352	2481	4155
≥7	29	7	7	4	8	7	4	6	8	5	5	1	3	3	7	74	786-1	178	3259	3458	4217
≥4	9	12	4	4	1	3	4		3	1	2		5	1	4	62	1386-1	115	3477	4143	4431

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	2																6-2	2	2	2	4100
≥41	2		1														18-1	3	5	5	4100
≥34	6	6	6	1	3												30-3	22	55	55	4100
≥28	23	16	12	15	2	1	1	3									48-3	73	198	203	4100
≥22	56	20	21	16	11	14	9	6	4	3	2	1	1				96-1	165	602	621	4102
≥17	46	25	19	20	16	13	9	15	8	4	5	8	7	3	2	10	258-1	210	1210	1275	4119
≥11	49	16	20	18	19	11	10	10	14	13	9	4	5	5	2	54	324-1	259	2418	2523	4139
≥7	29	10	10	13	11	10	10	4	5	3	4	6	3	2	2	76	588-2	198	3248	3474	4255
≥4	10	3	14	4	6	3	2	1	2	2	1	1	3	2	1	72	1002-1	127	3544	4064	4394

HOURS DURATION OF EVENTS

21 — 43.7N 128.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41	1																6-1	1	1	1	4100
≥34	3	1		1													24-1	5	9	9	4100
≥28	9	4				1		2									48-2	16	39	39	4100
≥22	39	17	10	7	2	1	2		2	5				1		1	96-1	87	259	262	4100
≥17	63	23	16	12	6	9	15	3	2	3	5	4	1	2		12	156-1	176	833	847	4106
≥11	76	33	25	14	17	11	15	6	8	8	7	1	3	8	4	38	324-1	274	2024	2140	4131
≥7	44	14	15	11	9	14	12	7	4	6	12	8	6	3	2	58	540-1	225	2824	3246	4182
≥4	23	6	8	6	3	4	2	3	10	5	5	2	5	4		57	858-1	143	3200	3959	4367

HOURS DURATION OF EVENTS

2

22 — 42.8N 167.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41	1																6-1	1	1	1	4100
>34	4	5	3														18-3	12	23	23	4100
>28	23	16	10	7	2	1	2										42-2	61	143	145	4100
>22	36	23	23	21	16	12	7	4	1	2		3				1	108-1	149	551	556	4100
>17	60	23	34	16	22	20	13	12	11	4	11	4	1	1	2	9	156-1	243	1230	1265	4106
>11	55	19	23	12	16	10	14	18	7	15	11	13	6	3	6	50	348-1	278	2568	2708	4207
>7	15	14	8	12	2	6	7	8	6	3	7	5	3	4	7	85	492-1	192	3406	3619	4304
>4	10	5	6	2	4		2	2	5		3	5	5		4	72	1206-1	125	3485	4065	4351

HOURS DURATION OF EVENTS

23 — 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64	1																6-1	1	1	1	4100
>48		2															12-2	2	4	4	4100
>41		3	1														18-1	4	9	9	4100
>34	13	1		2	1	1											36-1	18	34	34	4102
>28	24	17	8	2	3	1				2	1						66-1	58	142	142	4105
>22	48	36	25	12	7	10	6	8	1	1		1	1	2			84-2	158	516	516	4108
>17	56	34	31	22	13	9	20	10	10	6	5	3	4	6	1	7	174-1	[illegible]	1177	1182	4128
>11	56	26	37	24	24	17	10	14	12	11	7	9	6	6	10	44	210-3	313	2380	2463	4177
>7	33	19	18	23	15	10	11	12	9	3	8	7	10	8	4	77	426-1	267	3183	3409	4227
>4	19	10	5	9	2	7	7	7	4	4	3	4	5	4	4	79	930-1	173	3712	4125	4449

HOURS DURATION OF EVENTS

25 — 40.2N 131.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41																					4100
>34	1				1												30-1	2	6	6	4100
>28	1	1					1										42-1	3	10	10	4100
>22	9	5	3			1	1				1						66-1	20	52	52	4100
>17	36	21	11	6	4	3	2		2			1					72-1	86	217	218	4101
>11	58	40	32	28	12	11	4	2	5	4	4	2	4		2	4	120-2	212	825	861	4105
>7	73	53	49	34	24	17	22	13	10	4	9	9	5	3	1	20	270-1	346	1856	1907	4116
>4	74	55	38	22	23	12	12	13	13	8	9	10	7	3	4	34	288-1	337	2184	2272	4126

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48	2																6-2	2	2	2	4100
>41	2		1														18-1	3	5	5	4100
>34	1	2	2	2													24-2	7	19	19	4100
>28	9	4	3	3	1	1	1										42-1	22	56	56	4100
>22	42	16	5	6	8		3		3								54-3	83	201	201	4104
>17	53	42	17	23	17	5	5	8	2	6	1		2		1	2	126-1	184	662	686	4115
>11	59	35	38	27	14	15	24	13	16	9	7	5	7	4	5	24	210-1	302	1870	1933	4118
>7	49	27	19	15	23	22	9	10	14	12	7	11	11	7	8	55	390-1	299	2883	3066	4161
>4	18	17	7	7	11	9	5	2	6	5	4	7	5	6	8	79	558-1	196	3458	3879	4267

HOURS DURATION OF EVENTS

28 — 36.1N 123.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41																					4100
>34																					4100
>28	17	8	1	1			1										42-1	28	47	47	4100
>22	91	54	24	4	3	5	7	2	2	2	2					2	114-1	198	494	498	4100
>17	110	67	42	11	6	11	9	6	6	11	11	2	1	5	3	20	312-1	321	1549	1573	4114
>11	58	50	20	5	2	9	11	7	5	4	9	1	3	8	10	65	666-1	267	3038	3143	4163
>7	24	12	5	1	4		2	2	2	5	2		2		3	50	1338-1	114	3157	3847	4191
>4	9	7	7		1	1		1	2				1	1	3	36	1338-1	69	3253	4185	4295

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41																					4100
>34	1																6-1	1	1	1	4100
>28	5	2	1		1	1											36-1	10	23	23	4100
>22	17	8	6	4	1	4		1	1	1							60-1	43	123	123	4100
>17	38	20	15	9	6	7	3	7	5	3		1			1	2	108-1	117	444	444	4103
>11	80	37	23	19	24	15	15	12	7	6	7	8	4	3	6	16	204-1	282	1536	1602	4176
>7	65	28	29	11	17	8	15	14	14	10	7	3	8	7	9	48	660-1	293	2715	2872	4249
>4	42	21	12	10	15	6	6	8	8	11	4	7	4	2	1	66	756-1	229	3373	3702	4300

HOURS DURATION OF EVENTS

31 — 35.6N 155.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41		1															12-1	1	2	2	4100
>34	1		1														18-1	2	4	4	4100
>28	7		1		1				1								54-1	10	24	24	4100
>22	14	6	8	1	4	2	1			1							60-1	37	103	103	4100
>17	36	15	12	9	7	2	3			1		1	1	2		2	102-1	93	328	328	4104
>11	75	40	33	24	17	14	11	4	2	4	2	5	7	1	3	13	318-1	255	1282	1300	4113
>7	72	34	13	20	21	14	13	18	5	5	4	2	3	6	6	52	396-1	288	2472	2583	4182
>4	41	18	9	17	11	5	11	6	6	7	5	8	3	[illegible]	[illegible]	72	588-1	217	3160	3465	4251

HOURS DURATION OF EVENTS

32 — 35.4N 1[illegible]2.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41																					4100
>34																					4100
>28	1	1			1												30-1	3	8	8	4100
>22	5	3	5	2		1											36-1	16	40	40	4100
>17	19	11	9	2		1	2	1	2								66-1	57	171	172	4100
>11	80	33	17	10	16	9	12	4	13	6	3	4	3	2	1	11	180-1	224	1063	1084	4117
>7	85	30	24	13	16	10	12	4	6	9	4	4	5	7	2	49	330-1	280	2228	2404	4172
>4	46	18	15	10	11	18	8	6	5	5	6	1	7	6	1	70	762-1	226	3125	3437	4285

HOURS DURATION OF EVENTS

34 — 34.2N 155.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41																					4100
>34	3	1															12-1	4	5	5	4100
>28	2	4	1	1				1									48-1	9	26	26	4100
>22	18	5	9	2	3	2				1		1				1	108-1	42	128	128	4100
>17	30	14	11	17	7	5	4	1	1	1	3	2	1	1		1	138-1	99	386	398	4101
>11	68	44	26	20	12	11	16	8	13	10	7	5	1	3	7	10	204-1	261	1373	1421	4116
>7	59	27	22	14	21	13	17	8	15	6	10	8	12	8	2	46	300-1	290	2628	2804	4186
>4	26	21	15	14	10	7	12	10	4	9	5	8	3	2	5	73	876-1	224	3382	3647	4276

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41																					4100
>34	1	1															12-1	2	3	3	4100
>28	6	2	1	1								1					72-1	11	[illegible]	29	4100
>22	14	9	3	5		2	1	1	1			1				1	102-1	38	126	126	4100
>17	36	17	21	14	12	1	2	4	2	2	2	1				3	120-1	117	425	433	4102
>11	73	30	30	15	17	21	16	9	10	6	7	4	6	2	1	19	258-1	266	1538	1599	4150
>7	72	16	27	11	23	13	11	18	13	11	11	6	8	6	7	50	306-1	303	2759	2873	4214
>4	32	10	13	14	8	11	11	5	5	14	5	5	7	4	8	68	570-1	220	3389	3757	4322

HOURS DURATION OF EVENTS

37 — 32.9N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41																					4100
>34																					4100
>28	10																6-10	10	10	10	4100
>22	48	19	1	1			2	1			1						66-1	73	126	126	4100
>17	144	73	26	5		1	6	1	1	7	4	1		1		2	114-2	272	631	631	4100
>11	150	100	71	7	10	8	19	5	5	15	8	2	6	3	7	41	324-2	457	2479	2555	4124
>7	40	24	15	4	3	8	5	4	2	2	4		1	3	4	69	1002-1	188	3526	3797	4209
>4	20	11	4	3	2	2	2	2	1	1	2				4	52	1620-1	106	3389	4043	4246

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41																					4100
>34																					4100
>28	1	1															12-1	2	3	3	4100
>22	20		5	2			1		2								54-2	30	68	68	4100
>17	63	25	16	7	7	4	3	4	3	2			1		1	2	252-1	138	437	444	4100
>11	81	37	25	17	13	9	9	8	9	3	5	10	7	6	4	30	480-1	273	1857	1910	4126
>7	79	19	15	7	10	5	5	5	4	3	7	6	2	4	10	59	786-1	240	2967	3098	4142
>4	33	12	5	5	5	2	2	2	2	3	2	3	2	1	2	58	1626-1	139	3418	3816	4229

HOURS DURATION OF EVENTS

40 — 29.6N 165.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48																					4100
>41																					4100
>34																					4100
>28																					4100
>22	5	2	2				1										42-1	10	22	22	4106
>17	42	7	8	1	3	1	3	1	1	1	1	1					72-1	70	176	176	4110
>11	103	29	29	18	10	11	9	11	8	9	5	5	2	2	5	24	252-2	280	1548	1564	4137
>7	73	23	17	12	5	13	4	6	5	4	3	8	1	6	3	58	780-1	241	2808	3112	4232
>4	27	14	10	7	4	4	3		8	3		3		2	1	58	966-1	144	3373	3880	4309

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
>64																					4100
>48	1			1													24-1	2	5	5	4100
>41	2				1	1											36-1	4	13	13	4100
>34	9	1			1	1	1										42-1	13	29	29	4100
>28	14	6	3		1	1	1				1					1	108-1	31	94	94	4100
>22	20	11	10	9	4		1	2	1		1	1	1		1	2	126-1	64	249	253	4100
>17	42	18	17	8	10	7	3		7	3	4		2	1	1	8	180-1	131	627	645	4108
>11	70	28	17	15	14	8	11	4	11	7	2	7	4	1	5	33	324-1	237	1695	1740	4114
>7	56	24	24	12	8	10	7	10	7	11	6	5	5	2	2	57	444-1	246	2663	2784	4160
>4	33	15	14	5	8	5	7	3	4	5	3	3	3	1	3	67	604-1	179	3269	3653	4247

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

23 — 42.4N 172.1E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4100
≥48		2															12-2	2	4	4	4100
≥41		3	1														18-1	4	9	9	4100
≥34	13	1		2	1	1											36-1	18	34	34	4102
≥28	24	17	8	2	3	1				2	1						66-1	58	142	142	4105
≥22	48	36	25	12	7	10	6	8	1	1		1	1	2			84-2	158	516	516	4108
≥17	56	34	31	22	13	9	20	10	10	6	5	3	4	6	1	7	174-1	237	1177	1182	4128
≥11	56	26	37	24	24	17	10	14	12	11	7	9	6	6	10	44	210-3	313	2380	2463	4177
≥7	33	19	18	23	15	10	11	12	9	3	8	7	10	8	4	77	426-1	267	3183	3409	4227
≥4	19	10	5	9	2	1	7	7	4	4	3	4	5	4	4	79	930-1	173	3712	4125	4449

HOURS DURATION OF EVENTS

24 — 41.0N 134.9W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28	3	1															12-1	4	5	5	4100
≥22	22	8	6	2	2	1		2	1								54-1	44	105	106	4100
≥17	40	22	20	10	5	8	7	6	2	3	3					1	138-1	127	458	462	4103
≥11	59	28	26	18	17	13	13	3	10	4	6	6	3	5	3	26	258-1	240	1581	1620	4128
≥7	48	12	15	14	17	9	11	6	10	9	10	6	6	5	7	59	438-1	244	2785	2974	4221
≥4	38	12	9	3	5	4	6	2	4	3	4	6	3	2	3	76	894-1	180	3340	3802	4318

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	2																6-2	2	2	2	4100
≥41	2																18-1	3	5	5	4100
≥34	1	2	2	2													24-2	7	19	19	4100
≥28	9	4	3	3	1	1	1										42-1	22	56	56	4100
≥22	42	16	5	6	8		3		3								54-3	83	201	201	4104
≥17	53	42	17	23	17	5	5	8	2	6	1		2		1	2	126-1	184	662	686	4115
≥11	59	35	38	27	14	15	24	11	16	9	7	5	7	4	5	24	210-1	302	1870	1933	4118
≥7	49	27	19	15	23	22	9	10	14	12	7	11	11	7	8	55	190-1	299	2883	3066	4161
≥4	18	[illegible]	[illegible]	[illegible]	[illegible]	9	5	2	6	5	4	7	5	6	8	79	558-1	196	3458	3879	4267

HOURS DURATION OF EVENTS

27 — 36.2N 127.4W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34				1													24-1	1	4	4	4100
≥28	7	2	2			1											36-1	12	23	23	4100
≥22	41	18	7	7	2	5	2	2	3	4			1			2	156-1	94	318	323	4100
≥17	60	25	14	12	6	9	10	2	4	8	9	2	3	5	1	16	366-1	186	1108	1131	4100
≥11	50	22	12	13	5	8	7	7	7		7	9	7	7	3	51	624-1	215	2557	2656	4155
≥7	20	7	5	5	3	3	2	1	1	4	1	3	1	2		63	852-1	121	3175	3597	4220
≥4	15	5	5	2	1	2	2	1	3		2		3			45	1542-1	86	3148	4059	4321

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34	1																6-1	1	1	1	4100
≥28	5	2	1		1	1											36-1	10	23	23	4100
≥22	17	8	6	4	1	4		1	1	1							60-1	43	123	123	4100
≥17	38	20	15	9	6	7	3	7	5	3		1			1	2	108-1	117	444	444	4103
≥11	80	37	23	19	24	15	15	12	7	6	7	8	4	3	6	16	204-1	282	1536	1602	4176
≥7	65	28	29	11	17	8	15	14	14	10	7	3	8	7	9	48	660-1	293	2715	2872	4249
≥4	42	21	12	10	15	6	6	8	8	11	4	7	4	2	7	66	756-1	229	3373	3702	4300

HOURS DURATION OF EVENTS

30 — 35.7N 176.1E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41	1																6-1	1	1	1	4100
≥34	3		1														18-1	4	6	6	4100
≥28	6	3						1									48-1	10	20	20	4100
≥22	17	7	3	5	3	2			2			1	1				78-1	41	130	130	4109
≥17	46	20	16	16	12	3	1	3	1	3	1	1	1	1		2	240-1	127	454	462	4119
≥11	68	42	27	22	22	18	15	14	12	7	7	3	2	2	2	15	258-1	278	1512	1654	4132
≥7	64	20	20	26	21	15	17	17	10	13	12	12	6	5	6	41	468-1	305	2625	2840	4158
≥4	34	14	15	15	10	8	11	8	1	14	5	8	3	6	1	73	888-1	226	3293	3697	4261

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28	1	1			1												30-1	3	8	8	4100
≥22	5	3	5	2		1											36-1	16	40	40	4100
≥17	19	11	9	9	2	1	2	1	2		1						66-1	57	171	172	4100
≥11	80	33	17	10	16	9	12	4	13	6	3	4	3	2	1	11	180-1	224	1063	1084	4117
≥7	85	30	24	13	16	10	12	4	6	9	4	4	5	7	2	49	330-1	280	2228	2404	4172
≥4	46	18	15	10	11	11	8	6	5	5	6	1	7	6	1	70	762-1	226	3125	3437	4285

HOURS DURATION OF EVENTS

33 — 34.6N 145.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1																6-1	1	1	1	4100
≥41		1															12-1	1	2	2	4100
≥34	1				1												30-1	2	6	6	4100
≥28	2	2	2	1			1										42-1	8	23	23	4100
≥22	15	10	2	4	7		1		2								54-2	41	117	118	4101
≥17	55	19	23	8	11	7	6	3	2	2	4		1	1	1	1	96-1	144	497	499	4104
≥11	73	28	25	17	11	18	9	14	4	5	8	9	4	4	4	27	228-1	260	1678	1736	4150
≥7	47	23	24	18	23	9	14	11	13	8	3	6	4	7	5	57	354-1	272	2714	2897	4178
≥4	29	16	9	12	10	7	6	4	7	8	1	3	5	5	3	70	768-1	195	3408	3687	4237

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34	1	1															12-1	2	3	3	4100
≥28	6	2	1	1								1					72-1	11	29	29	4100
≥22	14	9	3	5		2	1	1	1			1				1	102-1	38	126	126	4100
≥17	36	17	21	14	12	1	2	4	2	2	2	1				3	120-1	117	425	433	4102
≥11	73	30	30	15	17	21	16	9	10	6	7	4	6	2	1	19	258-1	266	1538	1599	4150
≥7	72	16	27	11	23	13	11	18	13	11	11	6	8	6	7	50	306-1	303	2759	2873	4214
≥4	32	10	13	14	8	11	11	5	5	14	5	5	7	4	8	68	570-1	220	3389	3757	4322

HOURS DURATION OF EVENTS

36 — 33.7N 123.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28	3	1	1														18-1	5	8	8	4100
≥22	16	7	3	2		1	1	1									48-1	31	68	68	4100
≥17	33	14	10	8	9	6	5	2	4	2	1		1			1	114-1	96	354	362	4102
≥11	77	30	29	19	14	11	13	15	6	5	7	4	4	3	4	17	162-2	258	1364	1418	4141
≥7	73	24	19	15	9	9	12	12	10	13	13	8	6	3	3	47	498-1	276	2460	2711	4222
≥4	53	26	14	12	11	8	8	4	3	6	14	6	2	5	3	58	594-1	233	2906	3280	4265

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28	1	1															12-1	2	3	3	4100
≥22	20		5	2			1		2								54-2	30	68	68	4100
≥17	63	25	16	7	7	4	3	4	3	2			1		1	2	252-1	138	437	444	4100
≥11	81	37	25	17	13	9	9	8	9	3	5	10	7	6	4	30	480-1	273	1857	1910	4126
≥7	79	19	15	7	10	5	5	5	4	3	7	6	2	4	10	59	786-1	240	2967	3098	4142
≥4	33	12	5	5	5	2	2	2	2	3	2	3	2	1	2	58	1626-1	139	3418	3816	4229

HOURS DURATION OF EVENTS

39 — 29.9N 177.3W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34	1																6-1	1	1	1	4100
≥28		1	1			1											36-1	3	11	11	4100
≥22	8	1	1	1	2	1				1			1				78-1	16	56	57	4102
≥17	33	8	4	6	5	5	2	3	2					2		3	162-1	73	302	311	4120
≥11	105	36	21	12	18	4	12	11	6	6	5	5	5	2	1	21	270-1	270	1465	1488	4137
≥7	81	22	18	11	9	7	5	7	11	4	2	6	7	6	2	56	588-1	254	2751	2896	4209
≥4	53	18	15	3	6	12	4	3	3	7	6	4	2	3	3	66	1104-1	206	3452	3688	4240

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1			1													24-1	2	5	5	4100
≥41	2				1	1											36-1	4	13	13	4100
≥34	9	1			1	1	1										42-1	13	29	29	4100
≥28	14	6	3	3	1	1	1				1					1	108-1	31	94	94	4100
≥22	20	11	10	9	4		1	2	1		1	1	1		1	2	126-1	64	249	253	4100
≥17	42	18	17	8	10	7	3		7	3	4		2	1	1	8	180-1	131	627	645	4108
≥11	70	28	17	15	14	8	11	4	11	7	2	7	4	1	5	33	324-1	237	1695	1740	4114
≥7	56	24	24	12	8	10	7	10	7	11	6	5	5	2	2	57	444-1	246	2663	2784	4160
≥4	33	15	14	5	8	5	7	3	4	5	3	3	3	1	3	67	804-1	179	3269	3653	4247

HOURS DURATION OF EVENTS

42 — 28.6N 139.2W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28																					4100
≥22	3	1	1														30-1	6	13	13	4100
≥17	46	9	9	4		1	2			1	2						66-2	77	174	174	4101
≥11	99	33	30	18	16	15	10	8	5	7	4	1	5	4	1	25	426-1	281	1551	1600	4131
≥7	74	30	19	5	9	9	4	3	4	3	5	4	7		5	62	618-1	243	2753	3034	4206
≥4	37	12	7	6	7	2	4	4	1	3	4	2	3	4	4	56	1242-1	156	3226	3763	4251

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

43 — 28.2N 125.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48		1															12-1	1	2	2	4100
≥41	3			1													24-1	4	7	7	4100
≥34	3	3	2	1					1								54-1	10	28	31	4100
≥28	5	7	4	3	1	2		1				1					72-1	24	80	84	4100
≥22	25	10	8	4	3	5	4		2		1	1	1	1	1		90-1	66	241	252	4101
≥17	42	17	16	6	9	12	4	8	6	3	3	2	2	3	2	3	120-1	138	652	665	4108
≥11	61	19	26	10	14	9	13	7	6	9	7	9	1	9	1	30	330-1	231	1719	1911	4186
≥7	52	24	14	6	11	4	8	7	6	5	7	2	6	3	6	63	570-1	224	2779	3183	4391
≥4	31	22	10	5	9	4	2	3	8	1	3	3	2	5	2	67	1572-1	177	3350	3958	4681

HOURS DURATION OF EVENTS

44 — 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4098
≥48																					4098
≥41	1		1														18-1	2	4	4	4098
≥34	3		2														36-1	6	15	15	4098
≥28	5	1	1		2				1						1		90-1	11	44	44	4098
≥22	18	4	2	3	2	3	1		2				1			1	114-1	37	129	129	4098
≥17	30	14	8	10	7	1	4	2	2	1	2	4	2		1	4	132-2	92	425	435	4106
≥11	82	33	19	14	11	7	9	11	7	3	5	2	1	2		22	330-1	228	1327	1361	4108
≥7	99	37	25	18	11	12	15	4	7	5	5	4	5	3	4	50	558-1	304	2479	2608	4149
≥4	54	19	22	12	9	6	8	4	4	2	5	1	3	2	4	67	762-1	222	3305	3620	4251

HOURS DURATION OF EVENTS

46 — 26.1N 170.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28	4	1	1														18-1	6	9	9	4100
≥22	13	5	1		2		1			1	1			1			84-1	25	78	78	4104
≥17	53	14	12	8	5	4	3	2		2	1			3		2	132-1	109	347	347	4110
≥11	82	22	19	12	14	9	14	8	8	4	4	8	3	3	1	28	384-1	239	1639	1671	4170
≥7	80	30	16	10	10	3	5	5	7	4	6	2	3	3	7	63	792-1	254	3015	3097	4343
≥4	46	14	7	10	8	4	2	3			3	3	1	2	2	62	948-1	167	3346	3923	4404

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28	1	2															12-2	3	5	5	4100
≥22	9	2	3		1	1	1										42-1	17	40	41	4100
≥17	29	15	3	6	3	2	3	1			1						66-1	63	159	161	4100
≥11	155	62	31	22	17	17	13	11	5	9	4	2	3	1	3	9	126-2	364	1286	1314	4124
≥7	117	42	32	14	16	7	13	13	4	11	9	8	6	4	4	59	450-1	359	2875	2990	4203
≥4	40	9	16	4	6	5	9	1	3	2	2	2	2	4	3	69	1296-1	177	3870	4163	4476

HOURS DURATION OF EVENTS

49 — 22.6N 128.0E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48		1															12-1	1	2	2	4100
≥41		1	1			1											36-1	3	11	11	4100
≥34	3	3	2	1			2										42-2	11	33	33	4100
≥28	16	3	3	1	2		1	2						1			84-1	29	82	82	4100
≥22	18	9	6	6	5	4	1	1	2	1	2		2	1		1	150-1	59	257	258	4100
≥17	46	18	12	7	6	1	6	5	3	4	1		5	3	1	6	156-1	124	579	582	4106
≥11	92	39	20	14	13	15	12	6	6	7	3	9	2	2		32	252-1	272	1584	1619	4119
≥7	102	30	26	8	11	12	11	5	3	7	8	6	8	7	6	59	498-1	309	2827	2983	4251
≥4	43	20	10	5	5	4	3	4	2	3	4	2	3	3	2	66	1152-1	179	3634	3997	4490

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28		1															12-1	1	2	2	4100
≥22	15	3	1	1		1											36-1	21	34	34	4100
≥17	60	14	12	9	5	8	5	5	1		2		1		2	3	132-1	127	438	438	4100
≥11	138	43	28	14	13	10	10	10	7	6	3	1	1	5	3	25	624-1	317	1896	1919	4112
≥7	79	15	13	18	8	6	5	2	4	6	3	3	4	6	4	60	1746-1	236	3260	3472	4226
≥4	39	11	7	5	2	3	4	5	2	1	1	1	3	4	1	61	1758-1	150	3588	4012	4351

HOURS DURATION OF EVENTS

52 — 19.2N 127.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1																6-1	1	1	1	4100
≥41	2	1															12-1	3	4	4	4100
≥34	2	2		1		1											36-1	6	16	18	4100
≥28	20	2	1	1	1		1				1						66-1	27	54	60	4100
≥22	44	13	7	5	4	4	2	1	3				1	1			84-1	85	231	246	4100
≥17	98	28	27	8	13	5	9	2	6	2		1	3	1	1	7	204-1	211	738	774	4112
≥11	124	51	37	14	16	11	12	11	11	6	14	4	6	4	5	38	420-1	366	2382	2545	4167
≥7	52	17	15	10	12	5	5	4	3	3	2	1	4	2	5	67	2028-1	207	3588	4170	4722
≥4	14	4	6	1		1	1		1	1		1				40	SEA-1	70	3382	4747	4870

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1	1			1												30-1	3	8	8	4100
≥41	4		1			1											36-1	6	13	13	4100
≥34	11	3		1		1		1									48-1	17	35	35	4100
≥28	19	9	5	2	2			1	1								54-1	39	87	87	4100
≥22	44	14	8	8	6	4	5	2	1		1	1	1				78-1	95	278	280	4100
≥17	80	27	11	10	13	7	7	4	2	3	1	3		1	1	5	132-1	175	616	633	4102
≥11	153	57	36	25	9	11	10	7	14	5	8	4	3	1	3	14	534-1	360	1539	1608	4138
≥7	168	44	36	16	26	5	9	11	11	5	6	5	7	6	5	41	618-1	401	2488	2604	4195
≥4	88	46	25	17	12	3	10	7	6	6	4	3	1	8	2	65	SEA-1	303	3460	3779	4516

HOURS DURATION OF EVENTS

55 — 17.6N 138.5E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	2																6-2	2	2	2	4100
≥41	1	1	1														18-1	3	6	6	4100
≥34	6	3	1	1													24-1	11	19	19	4100
≥28	9	1	5	2	4	1	2										42-2	24	74	74	4100
≥22	30	11	9	3	9	1	3	1	2	1	1						66-1	71	210	211	4100
≥17	59	31	21	10	10	1	4	3	6	3	5	1	1			2	102-2	157	530	563	4100
≥11	121	39	32	23	17	10	6	8	10	10	4	3	3	6	3	23	372-1	318	1588	1659	4108
≥7	108	42	39	17	14	16	17	12	3	7	10	6	3	1	5	52	594-1	352	2625	2882	4174
≥4	33	21	16	10	11	4	5	7	3	4	2	2	1	2	3	70	864-1	194	3429	3900	4385

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4094
≥48	1																6-1	1	1	1	4094
≥41	3		1														18-1	4	6	6	4094
≥34	2	3	2	1													24-1	8	18	18	4094
≥28	10	6	3	3	1												30-1	23	48	48	4094
≥22	17	8	10	4	6	1			1								54-1	47	124	124	4094
≥17	46	15	13	8	4	4	2	5	2		2						66-2	101	285	286	4094
≥11	148	53	41	21	13	14	6	5	6	9	3	3	2	2	2	4	126-1	332	1061	1075	4094
≥7	168	58	50	22	26	18	22	7	11	11	9	7	4	6	10	29	210-1	458	2273	2337	4124
≥4	106	42	29	17	14	15	13	9	10	9	4	5	9	5	10	67	390-1	364	3069	3228	4229

HOURS DURATION OF EVENTS

58 — 14.5N 127.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34	5	1	2														18-2	8	13	13	4100
≥28	7	4			1	1					1						66-1	14	37	37	4100
≥22	20	11	6			3	1		1	1	1						66-1	44	115	115	4100
≥17	51	11	11	9	5	6	1	2		1	1	2		2		1	114-1	103	318	318	4100
≥11	107	38	23	12	16	6	6	6	8	6	2	2	4	4	2	13	144-2	255	1090	1157	4106
≥7	157	53	26	16	16	13	15	6	7	9	1	7	4	2	2	36	486-1	370	2127	2259	4125
≥4	105	56	26	19	11	19	14	12	5	5	5	6	5	5	4	56	750-1	353	3095	3413	4310

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41	1																6-1	1	1	1	4100
≥34	1	1															12-1	2	3	3	4100
≥28	2		2														18-2	4	8	8	4100
≥22	14	2	4	4									1				78-1	25	59	61	4100
≥17	72	15	10	5	9	1	6	4	1	3	1	1	2			2	168-1	132	410	415	4104
≥11	116	36	34	20	9	14	12	9	8	14	7	5	2	8	5	22	1206-1	321	2065	2240	4151
≥7	44	7	19	8	7	5	8	5	4	5	1	6	1	1	5	54	SEA-1	180	3349	3707	4172
≥4	10	4			1	2	2	1		1			1			24	SEA-1	46	3148	4610	4700

HOURS DURATION OF EVENTS

61 — 12.0N 156.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1																6-1	1	1	1	4100
≥41	1																6-1	1	1	1	4100
≥34	1	2															12-2	3	5	5	4100
≥28	2	1	2														18-2	5	10	10	4100
≥22	10	2	2	1	2												30-2	17	34	34	4100
≥17	23	6	5	1	5	2	1	1								2	108-1	46	141	144	4100
≥11	133	36	24	10	10	4	7	3	3	3	2		2	1	2	6	246-1	246	746	798	4103
≥7	159	37	28	7	15	11	13	7	7	7	7	6	7	3	8	33	912-1	355	2332	2447	4360
≥4	99	22	25	11	12	6	5	6	4	2	4	6	5	5		59	1986-1	271	3461	3990	4701

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4081
≥48																					4081
≥41																					4081
≥34																					4081
≥28	1																6-1	1	1	1	4081
≥22	1	1															12-1	2	3	3	4081
≥17		2	1														18-1	3	7	7	4081
≥11	13	7	7	1		1			2						1		90-1	32	91	94	4081
≥7	87	22	15	11	8	5	2	5	1	3				1	1	2	246-1	163	473	537	4081
≥4	78	26	25	21	9	7	6	2	9	6	3	3	3	6	2	23	1056-1	229	1856	2008	4084

HOURS DURATION OF EVENTS

NS (Cont'd)

SUMMER

T*	TH
	4100
2	4100
7	4100
31	4100
84	4100
252	4101
665	4108
1911	4186
183	4391
3958	4681

T*	TH
	4100
	4100
	4100
	4100
9	4100
78	4104
347	4110
1671	4170
3097	4343
3923	4404

E

T*	TH
	4100
2	4100
11	4100
33	4100
82	4100
258	4100
582	4106
1619	4119
2983	4251
3997	4490

W

T*	TH
	4100
1	4100
4	4100
18	4100
60	4100
246	4100
774	4112
2545	4167
4170	4722
4747	4870

E

T*	TH
	4100
2	4100
6	4100
19	4100
74	4100
211	4100
563	4100
1659	4108
2882	4174
3900	4385

E

T*	TH
	4100
	4100
	4100
13	4100
37	4100
115	4100
318	4100
1157	4106
2259	4125
3413	4310

E

T*	TH
	4100
1	4100
1	4100
5	4100
10	4100
34	4100
144	4100
798	4103
2447	4360
3990	4701

44 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4098
≥48																					4098
≥41	1		1														18-1	2	4	4	4098
≥34	3		2			1											36-1	6	15	15	4098
≥28	5	1	1		2				1						1		90-1	11	44	44	4098
≥22	18	4	2	3	2	3	1		2				1			1	114-1	37	129	129	4098
≥17	30	14	8	10	7	1	4	2	2	1	2	4	2		1	4	132-2	92	425	435	4106
≥11	82	33	19	14	11	7	9	11	7	3	5	2	1	2		22	330-1	228	1327	1361	4108
≥7	99	37	25	18	11	12	15	4	7	5	5	4	5	3	4	50	558-1	304	2479	2608	4149
≥4	54	19	22	12	9	6	8	4	4	2	5	1	3	2	4	67	762-1	222	3305	3620	4251

HOURS DURATION OF EVENTS

45 27.8N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28																					4100
≥22	5	1	1		1												30-1	8	15	15	4100
≥17	49	17	6	4	3	4			1			1					72-1	85	177	177	4103
≥11	106	35	21	24	14	10	4	10	9	4	8	2	1	4	6	27	486-1	285	1616	1640	4134
≥7	65	28	14	10	4	3	6	6	6	4	2	3	4	4	3	62	636-1	224	2856	3145	4201
≥4	35	9	6	6	3	2	4	1	1	4	2	2	1		2	47	1386-1	125	2987	3865	4268

HOURS DURATION OF EVENTS

47 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28	1	2															12-2	3	5	5	4100
≥22	9	2	3		1	1	1										42-1	17	40	41	4100
≥17	29	15	3	6	3	2	3	1			1						66-1	63	159	161	4100
≥11	155	62	31	22	17	17	13	11	5	9	4	2	3	1	3	9	126-2	364	1286	1314	4124
≥7	117	42	32	14	16	7	13	13	4	11	9	8	6	4	4	59	450-1	359	2875	2990	4203
≥4	40	9	16	4	6	5	9	1	3	2	2	2	2	4	3	69	1296-1	177	3870	4163	4476

HOURS DURATION OF EVENTS

48 23.5N 151.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28	1																6-1	1	1	1	4100
≥22	9	2															12-2	11	13	13	4100
≥17	45	15	6	4	3	2	2	3		1	2	1		1			84-1	85	232	235	4100
≥11	104	46	25	20	14	11	14	5	9	8	4	7	6	3	6	32	396-1	314	1963	2034	4120
≥7	41	15	8	4	7	6	6	3	2	5	6		2	2	1	46	1272-1	154	2996	3658	4172
≥4	11	10	6	3	1	1	1				1		1	1	2	27	1998-1	65	3102	4322	4471

HOURS DURATION OF EVENTS

50 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28		1															12-1	1	2	2	4100
≥22	15	3	1	1		1											36-1	21	34	34	4100
≥17	60	14	12	9	5	8	5	5	1		2		1		2	3	132-1	127	438	438	4100
≥11	138	43	28	14	13	10	10	10	7	6	3	1	1	5	3	25	624-1	317	1896	1919	4112
≥7	79	15	13	18	8	6	5	2	4	6	3	3	4	6	4	60	1746-1	236	3260	3472	4226
≥4	39	11	7	5	2	3	4	5	2	1	1	1	3	4	1	61	1758-1	150	3588	4012	4351

HOURS DURATION OF EVENTS

51 20.5N 177.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34																					4100
≥28	1																6-1	1	1	1	4100
≥22	8	1	1														18-1	10	13	13	4100
≥17	55	21	10	4	7	5	1	2								2	132-1	107	272	276	4103
≥11	105	34	34	21	12	16	14	5	7	5	6	10	7	3	4	26	624-1	309	1909	2018	4173
≥7	35	21	12	5	6	5	2	5	2	4	5	4	4	2	3	58	1782-1	173	3184	3652	4337
≥4	18	5	5	1	3	1	2	1	2	1	2		2	1		38	1818-1	82	3660	4445	4646

HOURS DURATION OF EVENTS

53 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48	1	1			1												30-1	3	8	8	4100
≥41	4		1			1											36-1	6	13	13	4100
≥34	11	3		1		1		1									48-1	17	35	35	4100
≥28	19	9	5	2	2			1	1								54-1	39	87	87	4100
≥22	44	14	8	8	6	4	5	2	1		1	1	1				78-1	95	278	280	4100
≥17	80	27	11	10	13	7	7	4	2	3	1	3		1	1	5	132-1	175	616	633	4102
≥11	153	57	36	25	9	11	10	7	14	5	8	4	3	1	3	14	534-1	360	1539	1608	4138
≥7	168	44	36	16	26	5	9	11	11	5	6	5	7	6	5	41	618-1	401	2488	2604	4195
≥4	88	46	25	17	12	3	10	7	6	6	4	3	1	8	2	65	SEA-1	303	3460	3779	4516

HOURS DURATION OF EVENTS

54 18.2N 168.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34	1																6-1	1	1	1	4100
≥28	5	2															12-2	7	9	9	4100
≥22	16	4	7	1	2		2	1									48-1	33	81	82	4100
≥17	72	20	24	7	5	3	3	4	3	1	2		1			1	162-1	146	407	409	4100
≥11	137	39	28	19	21	18	7	6	5	4	3	3	6	3	4	28	486-1	331	1742	1921	4129
≥7	69	22	18	8	5	7	8	8	7	5	4	8	5	2	4	65	774-1	245	3084	3448	4310
≥4	29	6	11	2	6	2	3	1	1	2	1	1	2	1	1	50	SEA-1	119	3603	4293	4558

HOURS DURATION OF EVENTS

56 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4094
≥48	1																6-1	1	1	1	4094
≥41	3		1														18-1	4	6	6	4094
≥34	2	3	2	1													24-1	8	18	18	4094
≥28	10	6	3	3	1												30-1	23	48	48	4094
≥22	17	8	10	4	6	1			1								54-1	47	124	124	4094
≥17	46	15	13	8	4	4	2	5	2		2						66-2	101	285	286	4094
≥11	148	53	41	21	13	14	6	5	6	9	3	3	2	2	2	4	126-1	332	1061	1075	4094
≥7	168	58	50	22	26	18	22	7	11	11	9	7	4	6	10	29	210-1	458	2273	2337	4124
≥4	106	42	29	17	14	15	13	9	10	9	4	5	9	5	10	67	390-1	364	3069	3228	4229

HOURS DURATION OF EVENTS

57 14.9N 147.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4100
≥48				1													24-1	1	4	4	4100
≥41				1													24-1	1	4	4	4100
≥34	4					1											36-1	5	10	10	4100
≥28	7		1				2	1									48-1	11	32	32	4100
≥22	19	8	8		2				1		1			1			84-1	40	103	103	4100
≥17	83	11	11	7	5	3	3	1	1			2	1		1		90-1	129	299	304	4100
≥11	220	48	40	18	21	6	11	5	3	7	5	2	3	2	3	9	216-1	403	1247	1312	4103
≥7	194	36	56	18	25	10	19	10	14	6	8	5	8	3	5	36	384-1	453	2409	2553	4140
≥4	112	20	24	14	17	14	9	4	6	4	9	3	3	8	6	70	666-1	323	3528	3761	4396

HOURS DURATION OF EVENTS

59 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41	1																6-1	1	1	1	4100
≥34	1	1															12-1	2	3	3	4100
≥28	2		2														18-2	4	8	8	4100
≥22	14	2	4	4									1				78-1	25	59	61	4100
≥17	72	15	10	5	9	1	6	4	1	3	1	1	2			2	168-1	132	410	415	4104
≥11	116	36	34	20	9	14	12	9	8	14	7	5	2	8	5	22	1206-1	321	2065	2240	4151
≥7	44	7	19	8	7	5	8	5	4	5	1	6	1	1	5	54	SEA-1	180	3349	3707	4172
≥4	10	4			1	2	2	1		1			1			24	SEA-1	46	3148	4610	4700

HOURS DURATION OF EVENTS

60 12.2N 112.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥48																					4100
≥41																					4100
≥34		1															12-1	1	2	2	4100
≥28	7	1			1												30-1	9	14	14	4100
≥22	23	9	5	5	1	1		1	1				1		1		90-1	48	132	132	4100
≥17	53	20	17	11	11	7	1	4		2	1	1	1		1	6	156-1	136	519	519	4100
≥11	114	49	24	11	10	8	3	4	3	8	4	5	3	3	3	22	666-1	274	1529	1583	4103
≥7	79	27	18	13	4	10	2	4	2	5	2	2	6	2	3	38	942-1	217	2217	2568	4111
≥4	69	37	26	13	4	7	2	7	4	4	4	4	3	1	5	36	954-1	226	2509	3005	4131

HOURS DURATION OF EVENTS

62 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4081
≥48																					4081
≥41																					4081
≥34																					4081
≥28	1																6-1	1	1	1	4081
≥22	1	1															12-1	2	3	3	4081
≥17		2	1														18-1	3	7	7	4081
≥11	13	7	7	1		1			2						1		90-1	32	91	94	4081
≥7	87	22	15	11	8	5	2	5	1	3				1	1	2	246-1	163	473	537	4081
≥4	78	26	25	21	9	7	6	2	9	6	3	3	3	6	2	23	1056-1	229	1856	2008	4084

HOURS DURATION OF EVENTS

63 2.1N 123.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4069
≥48																					4069
≥41																					4069
≥34																					4069
≥28																					4069
≥22																					4069
≥17																					4069
≥11	8	1			2												30-2	11	20	22	4069
≥7	34	8	7							1					1		90-1	51	96	109	4069
≥4	66	23	10	4	5	1	1									1	156-1	111	222	235	4069

HOURS DURATION OF EVENTS

2

FALL

WI

1 — 64.0N 166.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1															12-1	1	2	2	4545
≥48	4	2	1														18-1	7	11	11	4545
≥41	19	13	11	3	1	3											36-3	50	113	113	4545
≥34	33	21	20	14	7	7	3	3	1	2		1			1	1	114-1	114	388	401	4563
≥28	42	31	22	26	10	16	13	5	7	5	2	2	2		2	8	162-1	193	921	955	4564
≥22	42	33	30	32	17	25	12	9	14	7	4	7	7	1	3	21	222-1	264	1673	1819	4590
≥17	29	28	19	24	24	18	11	11	18	8	11	8	7	12	2	39	384-1	269	2420	2652	4606
≥11	18	14	14	14	13	16	10	11	11	11	10	6	8	8	13	68	906-1	245	3484	3853	4823
≥7	21	3	5	7	13	6	10	8	2	3	10	6	1	4	3	78	1848-1	180	3683	4458	4908
≥4	11	3	1	4	4	4	6	2	4	2	2	4	2	3	1	58	SEA-1	111	3252	4755	4933

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																12-1	1	2	2	4545
≥48	7	5	7														18-7	19	38	39	4545
≥41	17	21	10	8	5	2											36-2	63	158	160	4545
≥34	49	33	26	10	14	9	3	3	3							1	72-1	151	441	444	4546
≥28	53	31	37	25	25	26	8	5	2	6	3	2		2	1	5	132-1	231	980	996	4547
≥22	48	31	31	30	23	21	26	14	14	13	7	5	4	3	4	19	246-1	293	1815	1842	4582
≥17	53	25	30	29	28	13	19	22	16	14	9	10	6	6	4	44	282-1	328	2594	2739	4609
≥11	13	14	18	21	11	15	14	8	16	13	13	6	6	5	10	73	540-1	256	3477	3873	4719
≥7	12	6	7	6	9	2	8	4	5	5	5	6	2	5	7	83	1014-1	172	3858	4439	4780
≥4	8	2	1	2	2	1	1	2	4	1				1		55	1584-1	80	3742	4908	5015

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	2	1															12-1	3	4	4	4545
≥48	18	14	7	3	1			1									48-1	44	92	95	4545
≥41	34	19	17	8	8	2	1	2			1	1					72-1	93	253	256	4549
≥34	46	33	30	22	16	10	5	4	1	2		3	1	1		1	96-1	175	605	621	4555
≥28	59	37	37	35	35	19	12	12	3	5	2	4	1	2	1	6	156-1	270	1176	1210	4567
≥22	45	30	38	32	36	27	24	18	16	14	9	2	3	3	1	24	198-2	322	2021	2096	4580
≥17	30	29	26	25	29	25	24	22	15	19	8	11	8	7	3	47	474-1	328	2875	2985	4667
≥11	29	16	18	6	16	12	17	16	11	8	11	10	5	6	4	84	486-2	269	3660	3973	4741
≥7	14	6	4	5	6	7	3	5	9	8	2	7	4	2	3	80	654-1	165	3741	4487	4800
≥4	4		3		2	2	3	2	2	2		3	1	4	1	53	2022-1	82	3997	5034	5143

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	9	4	4														18-4	17	29	29	4545
≥41	22	18	8	8	1			1									48-1	58	127	127	4545
≥34	37	35	17	14	9	8	3	1	1	2							60-2	127	365	365	4546
≥28	57	44	27	24	16	12	10	10	6	4	1		1	2			84-2	214	770	774	4547
≥22	66	43	50	23	25	20	25	11	15	9	6	5	4	2		9	150-1	313	1525	1540	4557
≥17	48	50	36	26	34	22	14	25	15	11	[illegible]	6	[illegible]	10	3	33	234-1	343	2308	2348	4572
≥11	30	31	32	25	18	20	21	16	15	15	15	11	1	[illegible]	2	63	450-1	331	3281	3419	4598
≥7	18	13	16	12	11	4	5	3	11	13	9	8	5	6	5	89	546-1	228	3772	4134	4654
≥4	5	5	4	7	4	2	3	4	4	2	4	4		1	5	75	912-1	129	4053	4744	4932

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	2																6-2	2	2	3	4544
≥48	13	6	4	1													24-1	24	41	43	4544
≥41	31	16	9	6	3		1										42-1	66	136	141	4544
≥34	42	34	24	16	12	4	3	1	1	1	1	1					7[illegible]-1	140	401	414	4544
≥28	45	38	43	33	16	16	10	8	3	4	1		1			2	[illegible]1	220	822	863	4548
≥22	63	49	34	35	27	27	24	10	12	11	6	3	4	2	4	9	[illegible]1	320	1610	1679	4595
≥17	49	37	36	38	32	18	31	19	17	14	11	8	14	8	4	25	[illegible]-1	361	2476	2576	4628
≥11	33	29	17	33	17	13	17	20	15	19	9	10	14	7	9	70	474-1	332	3412	3668	4664
≥7	8	7	6	5	16	11	10	7	8	9	4	7	6	6	3	85	606-1	198	3658	4289	4701
≥4	4		2	3	2	3	1	2	1	5	3	1	2	1		63	1134-1	93	3481	4566	4704

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	6	1	1		1												30-1	9	16	16	4545
≥48	19	9	9	2		1		2									48-2	42	94	94	4545
≥41	50	35	12	7	4	1	3		1		1						66-1	114	251	256	4545
≥34	54	58	48	25	11	4	3	8	4				1				78-1	216	627	639	4547
≥28	62	57	54	44	33	15	8	11	5	7	2		1		1	4	120-1	304	1151	1173	4549
≥22	67	47	50	40	43	39	2	16	11	8	12	7	3	3	2	14	174-2	382	1975	2051	4584
≥17	45	36	45	32	33	28	32	[illegible]	15	13	11	10	8	11	6	36	210-1	380	2723	2836	4601
≥11	32	17	24	20	24	20	17	22	15	4	5	8	12	5	7	79	372-1	311	3559	3860	4692
≥7	12	6	8	7	9	12	5	12	7	5	7	5	3	7	4	87	666-1	196	3824	4408	4780
≥4	5	2	1	4	3	4	3	1	1	3	1		3	1	2	54	1578-1	88	3966	5069	5196

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4545
≥48	21	9	6	2													24-2	38	65	65	4545
≥41	48	28	18	6	4				1								54-1	105	211	211	4545
≥34	55	44	50	29	17	4	3					1					72-1	203	551	552	4546
≥28	68	65	47	44	30	30	12	7	4	1	2	1	1	1		1	96-1	314	1108	1115	4550
≥22	65	50	42	45	42	27	27	25	15	9	5	6	7	4	2	15	138-2	386	2047	2067	4567
≥17	40	38	36	20	35	25	24	21	17	8	9	10	7	8	5	48	252-1	351	2918	2972	4608
≥11	22	24	22	11	12	11	15	12	12	7	8	6	11	7	3	82	588-1	265	3771	3976	4701
≥7	11	7	5	10	5	5	2	6	3	3	1	2	5	2	2	91	1122-1	160	4129	4491	4784
≥4	1	1	2	3	4	5	2	2	1		1	1				61	1392-1	84	4319	5031	5139

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	3	1															12-1	4	5	5	4545
≥48	12	6	3		3												30-3	24	48	48	4545
≥41	38	16	10	7	3		1	1	1								54-1	77	167	168	4545
≥34	65	48	19	16	13	7	4	1	2	1						1	96-1	177	469	476	4545
≥28	96	62	47	34	18	24	14	12	6	2	1	1		1	2	2	108-2	322	1102	1116	4545
≥22	67	57	54	50	35	32	23	21	18	14	6	7	7	3	4	11	210-1	409	2102	2156	4603
≥17	39	57	30	37	29	24	18	23	17	17	10	9	9	7	8	47	282-1	381	2951	3060	4630
≥11	27	23	16	15	18	7	14	6	15	5	12	6	4	6	6	86	564-1	266	3757	4002	4680
≥7	13	5	10	6	7	8	4	4	2	2	4	5	5		8	85	828-1	168	3874	4434	4738
≥4	4	1	2	3	6	3	2			2	1	2	2	2	1	51	1218-1	82	3348	4674	4774

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	2																6-2	2	2	2	4545
≥48	19	7	5	2	1												30-1	34	61	61	4545
≥41	46	26	9	6	1	3	2	4									48-4	97	218	220	4545
≥34	73	44	34	17	11	12	2	2	1	3	1					1	120-1	201	558	563	4549
≥28	73	69	40	35	24	21	18	6	8	4	4	3	1	2		3	132-1	311	1180	1189	4549
≥22	57	59	60	33	31	29	17	22	16	9	14	5	7	4	1	16	288-1	380	2075	2104	4568
≥17	52	39	46	33	26	27	25	16	21	13	14	10	8	4	4	42	366-1	380	2847	2959	4594
≥11	30	15	17	24	16	8	13	8	20	7	9	8	5	9	3	85	498-1	277	3715	3944	4666
≥7	6	5	8	12	4	5	8	6	7	4	5	3	4	3	2	90	798-1	172	3952	4358	4669
≥4	8	2	2			2	3	1	1	2	1	1		2		62	1536-1	87	3554	4769	4881

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	4	1	1		2												30-2	8	19	19	4545
≥48	27	14	8	3	3	1	2	2									48-2	50	142	144	4545
≥41	51	32	17	8	3	5	3	2	1	1		1					72-1	124	311	317	4545
≥34	77	69	40	24	11	8	2	3	3	2	5		1			1	108-1	246	705	712	4546
≥28	82	47	65	49	38	17	9	6	5	4	1	6	1	1		6	150-1	337	1284	1306	4547
≥22	57	61	52	52	48	36	25	16	11	7	7	8	4	1	3	16	204-1	404	2081	2133	4550
≥17	55	43	47	28	46	28	32	20	13	12	12	7	13	9	5	38	288-1	408	2875	2977	4612
≥11	28	24	25	19	26	10	15	13	15	16	13	10	6	11	6	78	348-1	315	3706	3978	4715
≥7	7	7	10	5	5	6	1	7	8	5	3	2	6	7	6	86	678-1	171	4046	4535	4824
≥4	2	1	3	2		2	3		1	2		1	4		2	58	1548-1	81	4128	5117	5211

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	4	1															12-1	5	6	6	4545
≥48	16	21	3	4													24-4	44	83	83	4545
≥41	56	34	19	3	6	4	1	1									48-1	124	262	262	4545
≥34	68	62	31	26	12	9	10	2	1	1	1	2					72-2	225	643	649	4546
≥28	71	65	55	47	30	17	13	11	10	1	1	4	1	3			84-3	329	1199	1215	4548
≥22	68	55	48	58	36	30	21	16	14	12	8	7	4		7	11	192-1	395	2000	2028	4583
≥17	66	47	44	41	48	31	32	23	11	21	5	8	14	8	3	31	258-1	433	2781	2882	4601
≥11	33	18	24	16	21	13	14	16	17	13	14	12	6	9	11	79	396-1	316	3666	3907	4678
≥7	18	11	7	7	5	8	4	6	4	3	3	6	6	4	3	87	774-1	182	3973	4561	4884
≥4	2	7	2	2	2	1	1			1	1	2	1	5	2	61	1626-1	90	3823	4973	5084

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4544
≥48	5	1	1	2													24-2	9	18	18	4544
≥41	18	9	7	6	1	1											36-1	42	92	92	4544
≥34	29	22	12	10	10	6		2	1	2		1					72-1	95	292	293	4552
≥28	79	30	27	16	17	8	6	5	3	3		4	2	1			84-1	201	644	678	4557
≥22	74	71	45	29	19	21	19	9	8	5	4	7	2		3	6	120-1	322	1320	1375	4566
≥17	78	52	38	43	26	23	24	20	17	15	8	4	9	3	1	21	306-1	382	2120	2205	4588
≥11	45	42	31	31	20	20	16	15	20	10	13	15	12	9	3	60	366-1	362	3208	3409	4655
≥7	26	16	17	15	13	12	15	7	13	12	12	8	11	8	9	77	558-1	271	3719	4140	4750
≥4	19	11	8	10	8	7	10	7	8	7	8	6	6	4	10	80	702-1	209	3901	4318	4779

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	4	2															12-2	6	8	8	4545
≥48	32	11	7	2	4	2											36-2	58	115	115	4545
≥41	47	33	17	7	5	8	2	1		1							60-1	121	297	297	4545
≥34	77	46	28	25	17	9	8	6	3	1	3	1				3	120-1	227	735	738	4545
≥28	89	69	51	24	33	20	9	7	11	9	5	3		2	1	9	150-1	342	1377	1403	4552
≥22	86	50	46	48	33	23	10	18	23	12	8	8	10	5		19	186-1	399	2157	2274	4563
≥17	31	45	54	24	32	28	28	16	15	12	16	7	10	10	6	41	252-1	375	2908	3041	4583
≥11	18	29	23	16	19	11	11	10	13	15	9	7	5	12	8	78	672-1	284	3663	3913	4595
≥7	7	9	7	8	9	6	8	8	5	5	3	8	3	2	4	80	1008-1	172	3930	4450	4734
≥4	3		3		2	2	1	4	3	6	3	1	2	1	1	43	1788-1	75	3522	5102	5189

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	21	13	3	2													24-2	39	64	64	4545
≥41	34	17	12	11	4	1		2									48-2	81	190	190	4551
≥34	67	45	27	22	16	10	2	3	1			2				1	108-1	196	555	562	4560
≥28	78	54	43	43	25	20	10	10	3	4	3	2	4		1	4	114-1	304	1141	1166	4561
≥22	75	50	49	33	36	24	18	17	13	7	6	4	7	11	4	20	186-2	374	2068	2134	4569
≥17	54	40	27	29	28	15	20	17	11	12	7	7	6	6	8	54	324-1	341	2805	2973	4582
≥11	26	17	18	9	22	11	9	10	10	6	5	7	11	7	4	74	486-1	246	3460	3861	4614
≥7	9	7	3	2	8	6	5	3	7	3	2	4	2	5	4	81	810-1	151	3744	4420	4734
≥4	1	1	3	2	3	2	1	3	2			2	2	2	1	54	1620-1	79	4114	5219	5331

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS

2 — **59.4N 172.0W**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1															12- 1	1	2	2	4545
≥48	7	5	7														18- 7	19	38	39	4545
≥41	17	21	10	8	5	2											36- 2	63	158	160	4545
≥34	49	33	26	10	14	9	3	3	3			1					72- 1	151	441	444	4546
≥28	53	31	37	25	25	26	8	5	2	6	3	2		2	1	5	132- 1	231	980	996	4547
≥22	48	31	31	30	23	21	26	14	14	13	7	5	4	3	4	19	246- 1	293	1815	1842	4582
≥17	53	25	30	29	28	13	19	22	16	14	9	10	6	6	4	44	282- 1	328	2594	2739	4609
≥11	13	14	18	21	11	15	14	8	16	13	13	6	6	5	10	73	540- 1	256	3477	3873	4719
≥7	12	6	7	6	9	2	8	4	5	5	5	6	2	5	7	83	1014- 1	172	3858	4439	4780
≥4	8	2	1	2	2	1	1	2	4	1				1		55	1584- 1	80	3742	4908	5015

HOURS DURATION OF EVENTS

3 — **58.5N 151.6W**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1															12- 1	1	2	2	4545
≥48	6	2	1														18- 1	9	13	13	4545
≥41	18	10	2	1	3			1									48- 1	35	71	71	4546
≥34	41	21	22	10	4	5	2			1							60- 1	106	263	263	4548
≥28	52	41	37	22	17	9	6	5	5	2			2		1	1	102- 1	200	677	686	4550
≥22	62	50	56	45	23	20	17	8	10	8	8	1	1	3	1	8	168- 1	321	1434	1465	4568
≥17	62	49	43	41	38	26	13	24	16	13	11	6	7	3	5	21	240- 1	378	2255	2325	4584
≥11	40	31	35	23	22	29	19	18	12	10	15	10	7	8	2	64	456- 1	345	3301	3472	4637
≥7	17	16	14	14	14	10	16	10	4	7	5	10	12	1	6	92	618- 1	248	3870	4200	4739
≥4	6	4	7	3	5	6	2	4	2	2	1	4	3	3		85	762- 1	137	3925	4599	4811

HOURS DURATION OF EVENTS

5 — **56.8N 141.9W**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	9	4	4														18- 4	17	29	29	4545
≥41	22	18	8	8	1			1									48- 1	58	127	127	4545
≥34	37	35	17	14	9	8	3	1	1	2							60- 2	127	365	365	4546
≥28	57	44	27	24	16	12	10	10	6	4	1		1	2			84- 2	214	770	774	4547
≥22	66	43	50	23	25	20	25	11	15	9	6	5	4	2		9	150- 1	313	1525	1540	4557
≥17	48	50	36	26	34	22	14	25	15	11	6	6	4	10	3	33	234- 1	343	2308	2348	4572
≥11	30	31	32	25	18	20	21	16	15	15	15	11	11	6	2	63	450- 1	331	3281	3419	4598
≥7	18	13	16	12	11	4	5	3	11	13	9	8	5	6	5	89	546- 1	228	3772	4134	4654
≥4	5	5	4	1	4	2	3	4	2	4	4			1	5	75	912- 1	129	4053	4744	4932

HOURS DURATION OF EVENTS

6 — **54.9N 167.1W**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6- 1	1	1	1	4545
≥48	8	9	2	2													24- 2	21	40	41	4545
≥41	21	16	10	3	2	1	1	1									48- 1	55	126	128	4545
≥34	47	28	23	12	6	3	3	3	1	1						2	120- 1	129	368	371	4545
≥28	69	39	50	29	18	10	6	7	4	3	4		1			3	132- 2	243	844	853	4545
≥22	84	47	54	33	32	25	17	12	11	12	7	5	7	6	1	6	198- 1	359	1677	1735	4566
≥17	63	29	40	32	29	33	28	19	17	14	7	10	10	12	11	24	264- 1	378	2588	2709	4586
≥11	29	15	22	22	24	13	17	12	14	21	11	7	10	9	8	75	378- 2	309	3509	3719	4623
≥7	16	7	7	8	5	14	6	6	5	15	2	6	4	5	6	83	744- 1	195	3897	4315	4693
≥4	3	2	3	4		2	1	2	5	1	3					64	1452- 1	90	4174	4939	5067

HOURS DURATION OF EVENTS

8 — **52.0N 172.9E**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	6	1	1	1													30- 1	9	16	16	4545
≥48	19	9	9	2		1		2									48- 2	42	94	94	4545
≥41	50	35	12	7	4	1	3				1						66- 1	114	251	256	4545
≥34	54	58	48	25	11	4	3	8	4				1				78- 1	216	627	639	4547
≥28	62	57	54	44	33	15	8	11	5	7	2		1		1	4	120- 1	304	1151	1173	4549
≥22	67	47	50	40	43	39	20	16	11	8	12	7	3	3	2	14	174- 2	382	1975	2051	4584
≥17	45	36	45	32	33	28	32	19	15	13	11	10	8	11	6	36	210- 1	380	2723	2836	4601
≥11	32	17	24	20	24	20	17	22	15	4	5	8	12	5	7	79	372- 1	311	3559	3860	4692
≥7	12	6	8	7	9	12	5	12	7	5	7	5	3	7	4	87	666- 1	196	3824	4408	4780
≥4	5	2	1	4	3	4	3	1	1	3	1		3	1	2	54	1578- 1	88	3966	5069	5196

HOURS DURATION OF EVENTS

9 — **51.7N 158.8E**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1	1	1														18- 1	3	6	6	4545
≥48	14	8	3	2													24- 2	27	47	47	4545
≥41	26	24	12	6	3	1											36- 1	72	155	157	4545
≥34	42	29	34	17	7	7	1	1	1	1							60- 1	140	381	386	4554
≥28	55	44	43	36	23	12	9	4	4		3	1				1	108- 1	235	797	810	4558
≥22	43	60	59	33	37	22	20	14	10	8	6	5	2	2	2	8	126- 1	331	1564	1604	4562
≥17	55	50	34	35	42	27	27	17	14	11	8	9	12	4	10	27	210- 1	382	2456	2534	4608
≥11	21	23	25	17	26	18	20	16	12	9	9	8	8	7	5	82	336- 1	306	3516	3718	4667
≥7	11	10	11	4	7	10	10	5	11	8	7	4	5	5	5	88	414- 1	201	3723	4322	4740
≥4	6	1	2	7		2	2	3	5	5	1	2	2		2	69	1392- 1	109	3992	5128	5288

HOURS DURATION OF EVENTS

11 — **51.3N 158.8W**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	3	1															12- 1	4	5	5	4545
≥48	12	6	3		3												30- 3	24	48	48	4545
≥41	38	16	10	7	3		1	1	1								54- 1	77	167	168	4545
≥34	65	48	19	16	13	7	4	1	2	1						1	96- 1	177	469	476	4545
≥28	96	62	47	34	18	24	14	12	6	2	1	1		1	2	2	108- 2	322	1102	1116	4545
≥22	67	57	54	50	35	32	23	21	18	14	6	7	7	3	4	11	210- 1	409	2102	2156	4603
≥17	39	57	30	37	29	24	18	23	17	17	10	9	9	7	8	47	282- 1	381	2951	3060	4630
≥11	27	23	16	15	18	7	14	6	15	5	12	6	4	6	6	86	564- 1	266	3757	4002	4680
≥7	13	5	10	6	7	8	4	4	2	2	4	5	5		8	85	828- 1	168	3874	4434	4738
≥4	4	1	2	3	6	3	2			2	1	2	2	2	1	51	1218- 1	82	3348	4674	4774

HOURS DURATION OF EVENTS

12 — **50.9N 145.6W**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1	1															12- 1	2	3	3	4545
≥48	18	11	5	3													24- 3	37	67	67	4545
≥41	41	24	14	10	9	1	1										42- 1	100	229	229	4545
≥34	69	52	31	22	17	7	7	3	2	4					1		90- 1	215	627	627	4545
≥28	84	64	51	41	22	14	17	13	13	8	3	3		4	1	2	120- 1	340	1321	1326	4551
≥22	62	51	45	41	34	24	16	17	13	13	5	6	14	5	3	29	210- 1	378	2290	2333	4572
≥17	46	34	31	20	28	18	9	16	14	14	7	8	4	5	7	67	336- 1	328	3077	3207	4593
≥11	22	9	16	11	13	12	6	9	9	7	4	3	4	2	4	79	576- 1	210	3476	4004	4602
≥7	9	8	4	5	8	2	3	4	2	7	2	1	1	1		70	1014- 1	127	3752	4515	4759
≥4	1	3	1	2					2	1		1	1	1		47	2088- 1	60	3703	5094	5167

HOURS DURATION OF EVENTS

14 — **49.3N 174.1E**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	4	1	1		2												30- 2	8	19	19	4545
≥48	27	14	8	3	3	1	2	2									48- 2	60	142	144	4545
≥41	51	32	17	8	3	5	3	2	1	1		1					72- 1	124	311	317	4545
≥34	77	69	40	24	11	8	2	3	3	2	5		1			1	108- 1	246	705	712	4546
≥28	82	47	65	49	38	17	9	6	5	4	1	6	1	1		6	150- 1	337	1284	1306	4547
≥22	57	61	52	52	48	36	25	16	11	7	7	8	4	1	3	16	204- 1	404	2081	2133	4550
≥17	55	43	47	28	46	28	32	20	13	12	12	7	13	9	5	38	288- 1	408	2875	2977	4612
≥11	28	24	25	19	26	10	15	13	15	16	13	10	6	11	6	78	348- 1	315	3706	3978	4715
≥7	7	7	10	5	5	6	1	7	8	5	3	2	6	7	6	86	678- 1	171	4046	4535	4824
≥4	2	1	3	2		2	3		1	2		1	4		2	58	1548- 1	81	4128	5117	5211

HOURS DURATION OF EVENTS

15 — **49.0N 128.4W**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6- 1	1	1	1	4545
≥48	16	6	2														18- 2	24	34	34	4545
≥41	27	20	8	5	1		2		1								54- 1	64	139	139	4545
≥34	45	44	21	10	11	3	4		2	2		1					72- 1	143	387	387	4545
≥28	56	53	28	22	18	13	8	4	8		2	2	1	1			84- 1	216	735	751	4553
≥22	70	50	40	34	24	25	25	9	10	9	2	2	3	2	3	4	162- 1	312	1375	1401	4555
≥17	50	58	29	40	28	19	23	15	19	10	13	10	5	5	3	23	264- 1	350	2168	2239	4564
≥11	29	47	28	17	23	19	9	15	11	16	14	14	6	7	10	66	312- 1	331	3197	3357	4607
≥7	13	18	18	21	11	10	8	5	4	5	8	6	5	2	5	91	870- 1	230	3812	4121	4719
≥4	8	7	4	10	3	3	4	5	3	4	1	5	6	3	4	67	1218- 1	137	3910	4651	4881

HOURS DURATION OF EVENTS

17 — **45.8N 139.3E**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6- 1	1	1	1	4544
≥48	5	1	1	2													24- 2	9	18	18	4544
≥41	18	9	7	6	1	1											36- 1	42	92	92	4544
≥34	29	22	12	10	10	6		2	1	2		1					72- 1	95	292	293	4552
≥28	79	30	27	16	17	8	6	5	3	3		4	2	1			84- 1	201	644	678	4557
≥22	74	71	45	29	19	21	19	9	8	5	4	7	2		3	6	120- 1	322	1320	1375	4566
≥17	78	52	38	43	26	23	24	20	17	15	8	4	9	3	1	21	306- 1	382	2120	2205	4588
≥11	45	42	31	31	20	20	16	15	20	10	13	15	12	9	3	60	366- 1	362	3208	3409	4655
≥7	26	16	17	15	13	12	15	7	13	12	12	8	11	8	9	77	558- 1	271	3719	4140	4750
≥4	19	11	8	10	8	7	10	7	8	7	8	6	6	4	10	80	702- 1	209	3901	4318	4779

HOURS DURATION OF EVENTS

18 — **45.6N 144.2W**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1	1															12- 1	2	3	3	4545
≥48	15	5	4		1	1	1										42- 1	27	55	55	4545
≥41	44	17	16	6	1			1			1						66- 1	86	174	174	4545
≥34	59	41	38	22	16	6	4	2		2		1					72- 1	191	535	536	4545
≥28	76	56	44	32	24	19	14	6	4	5	6	2	3	3		3	102- 2	297	1135	1146	4548
≥22	52	46	42	36	24	32	20	20	10	6	6	6	9	6	10	19	216- 1	344	2045	2090	4564
≥17	48	30	28	21	26	10	16	21	9	11	3	11	4	5	8	61	324- 1	312	2896	3016	4597
≥11	25	12	16	14	15	14	14	7	13	7	5	2	5	6	5	79	660- 1	239	3737	4072	4797
≥7	11	5	6	4	7		6	7	7	6	4	2	8	1	3	68	882- 1	145	3884	4580	4885
≥4	4	1		2	1	4	2	2	1	3	1	3		2	1	53	SEA- 1	80	4050	5251	5358

HOURS DURATION OF EVENTS

20 — **44.2N 152.7W**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	21	13	3	2													24- 2	39	64	64	4545
≥41	34	17	12	11	4	1		2									48- 2	81	190	190	4551
≥34	67	45	27	22	16	10	2	3	1			2				1	108- 1	196	555	562	4560
≥28	78	54	43	43	25	20	10	10	3	4	3	2	4		1	4	114- 1	304	1141	1166	4561
≥22	75	50	49	33	36	24	18	17	13	7	6	4	7	11	4	20	186- 2	374	2068	2134	4569
≥17	54	40	27	29	28	15	20	17	11	12	7	7	6	6	8	54	324- 1	341	2805	2973	4582
≥11	26	17	18	9	22	11	9	10	10	6	5	7	11	7	4	74	486- 1	246	3460	3861	4614
≥7	9	7	3	2	8	6	5	3	7	3	2	4	2	5	4	81	810- 1	151	3744	4420	4734
≥4	1	1	3	2	3	2	1	3	2			2	2	2	1	54	1620- 1	79	4114	5219	5331

HOURS DURATION OF EVENTS

21 — **43.7N 128.7W**

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6- 1	1	1	1	4545
≥48	10	6	2		1												30- 1	19	33	33	4545
≥41	30	11	12	3	2		1										42- 1	59	117	117	4545
≥34	35	21	22	12	10	5	2		1	1	1						66- 1	110	315	316	4545
≥28	54	41	25	17	18	7	10	1	4	4	5		1			1	108- 1	188	651	656	4545
≥22	45	39	48	24	19	21	10	14	12	7	4	7	2	3	2	7	120- 2	264	1294	1317	4546
≥17	59	40	35	34	16	21	15	14	20	14	9	4	3	6	6	22	264- 1	318	1999	2115	4573
≥11	50	30	18	30	24	18	17	16	9	9	9	11	6	10	5	57	528- 1	319	3027	3271	4607
≥7	23	16	13	14	7	11	15	8	6	8	7	3	7	5	6	81	672- 1	230	3841	4094	4702
≥4	9	5	3	1	6	3	5	3	3	5	2	3		2	2	69	1302- 1	121	3958	4754	4954

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

22 42.8N 167.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	10	8	4	1													24-1	23	42	43	4545
≥41	31	13	7	8	1	5											36-5	65	145	154	4545
≥34	61	34	30	18	5	2	5	3	4							1	96-1	163	439	460	4547
≥28	75	56	37	28	19	15	12	6	3	7	2	2	1	1		4	144-1	268	985	1018	4548
≥22	89	68	44	38	37	21	13	8	15	9	5	6	4	6	3	16	252-1	382	1865	1935	4576
≥17	48	52	46	24	31	30	20	18	17	9	9	7	9	10	5	39	330-1	374	2700	2868	4598
≥11	27	16	15	19	17	19	14	15	13	13	15	5	5	7	7	70	984-1	277	3569	3821	4641
≥7	13	9	4	8	10	7	6	7	10	8	10	3	4	4	7	86	990-1	196	3989	4384	4770
≥4	6	1	2	4	2	3	1	5	2	3	3		2	1	1	63	1224-1	99	3551	4746	4879

HOURS DURATION OF EVENTS

23 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	3		2														18-2	5	9	9	4545
≥48	22	10	4	4													24-4	40	70	70	4545
≥41	45	29	10	7	1	2		1								1	96-1	96	202	203	4545
≥34	78	42	39	21	15	6	4	1		1		1				1	102-1	211	561	569	4548
≥28	92	71	55	30	28	15	11	6	3	3	4	4	2	4		1	150-1	329	1130	1146	4553
≥22	100	65	61	42	31	25	22	12	16	7	8	6	2	2	3	18	222-1	420	1971	1999	4555
≥17	41	59	46	46	33	29	22	28	16	13	9	10	3	8	4	38	264-1	405	2780	2855	4598
≥11	29	31	25	18	16	27	22	13	9	16	13	12	7	6	10	68	378-1	322	3511	3794	4657
≥7	9	10	11	12	11	10	9	6	6	10	8	6	6	5	6	79	1248-1	204	3971	4447	4806
≥4	3	5		1	2	1	3	1	2	2		2	2	3	2	50	1794-1	79	3766	4871	4969

HOURS DURATION OF EVENTS

25 40.2N 131.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4544
≥48	2																6-2	2	2	2	4544
≥41	3	1	1				1										42-1	6	15	15	4544
≥34	18	7	3	1			2		1								54-1	32	68	68	4544
≥28	41	17	12	6	4	1	1	1	1			1		1			84-1	86	211	211	4548
≥22	53	39	34	14	13	7	6	3	4	1	1			1		3	102-2	179	583	586	4558
≥17	60	55	30	27	29	14	11	9	6	6	7	1	1		2	7	228-1	265	1133	1150	4577
≥11	69	48	42	28	27	28	28	20	14	13	9	4	4	7	4	25	300-1	370	2239	2338	4638
≥7	70	38	34	28	29	12	24	23	16	17	10	14	11	3	6	55	372-1	390	3141	3314	4665
≥4	42	35	15	19	18	16	6	8	9	5	8	12	7	7	4	82	630-1	293	3603	3900	4743

HOURS DURATION OF EVENTS

26 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	9	2															12-2	11	13	13	4545
≥41	11	14	4														18-4	29	51	51	4545
≥34	46	28	14	3	6	1											36-1	98	192	193	4545
≥28	61	60	28	21	14	8	2	3	1								54-1	198	514	524	4545
≥22	97	65	68	37	20	24	16	8	5	2	2		1	1	1		90-1	347	1128	1157	4558
≥17	103	79	69	53	42	25	18	21	12	9	12	5	6	4		5	114-2	463	1946	1986	4578
≥11	57	37	56	42	47	28	33	19	16	14	23	11	7	7	5	45	312-1	447	3117	3200	4603
≥7	31	25	21	20	13	22	17	14	14	9	15	12	9	9	6	86	576-1	323	3879	4121	4772
≥4	12	4	7	7	3	7	7	7	4	2	5	4	2	3	6	86	996-1	166	4090	4756	4982

HOURS DURATION OF EVENTS

28 36.1N 123.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	1																6-1	1	1	1	4545
≥41	3	2		1													24-1	6	11	11	4545
≥34	10	8	2			2											36-2	22	44	44	4545
≥28	35	11	14	3	6	2				1	1						66-1	73	174	174	4546
≥22	47	37	16	17	8	8	8	4	5	3	1			2			84-2	156	527	528	4547
≥17	85	46	43	21	25	14	12	10	7	6	5	3	2	2	1	4	120-2	[illegible]	1121	1131	4550
≥11	109	35	44	23	17	25	18	13	10	19	12	5	4	11	7	30	234-1	[illegible]	2339	2432	4574
≥7	65	32	22	21	20	19	12	12	11	10	10	6	6	9	2	78	498-1	335	3469	3678	4722
≥4	31	25	19	4	7	3	5	2	5	4	9	1	4	3	8	85	810-1	215	4130	4483	4878

HOURS DURATION OF EVENTS

29 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1															12-1	1	2	2	4545
≥48	6	1	1	1													24-1	9	15	15	4545
≥41	16	3	4	4	1												30-1	28	55	59	4545
≥34	36	25	12	5	4	2	2		1								54-1	87	197	203	4545
≥28	56	35	28	22	19	5	3	5	2							1	108-1	176	520	531	4545
≥22	89	54	40	34	26	7	12	9	7	4	4	3	3		1	7	168-1	300	1162	1198	4561
≥17	79	55	44	42	36	28	16	9	9	14	6	5	4	4	4	21	198-1	376	2009	2093	4576
≥11	61	35	31	28	30	26	23	19	15	9	11	7	5	7	8	49	348-2	364	3058	3368	4635
≥7	30	11	19	20	9	14	12	11	9	11	7	11	5	7	7	80	576-1	263	3521	4136	4674
≥4	7	5	1	10	6	1	4	1	3	1	7	3	1	3	3	68	870-1	124	3624	4733	4911

HOURS DURATION OF EVENTS

31 35.6N 155.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4544
≥48	5																6-5	5	5	5	4544
≥41	26	9	2														18-2	37	50	50	4544
≥34	23	20	15	5		2		1			2						66-2	68	170	175	4553
≥28	47	41	22	13	15	6	5	1		2			1		1	1	120-1	155	469	475	4554
≥22	64	38	41	27	18	9	13	13	3	2	3	1	4	1	2	8	198-1	247	1056	1089	4555
≥17	68	39	34	34	31	26	10	16	16	4	7	1	5	3	2	22	216-1	318	1758	1897	4569
≥11	59	35	28	25	24	25	22	21	10	14	8	7	7	4	5	49	450-1	343	2883	3219	4656
≥7	30	10	20	18	19	12	8	17	7	10	8	6	4	5	9	74	810-1	257	3466	4065	4700
≥4	8	4	4	3	3	5	4	4	5	5	1	2	3	4	3	74	972-1	132	3900	4640	4864

HOURS DURATION OF EVENTS

32 35.4N 142.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	2		1														18-1	3	5	5	4545
≥41	7	5	2														18-2	14	23	23	4545
≥34	16	10	11	2	3	1											36-1	43	98	98	4545
≥28	31	26	13	14	9	4	2	2		1	3						66-3	105	320	321	4545
≥22	55	43	32	10	18	4	9	12	4	2	4				1	7	162-1	201	797	811	4545
≥17	65	41	35	37	17	22	13	8	7	4	6	5		6	5	16	246-1	287	1527	1578	4557
≥11	43	29	28	25	24	16	18	15	13	9	7	1	5	4	6	56	720-1	299	2732	2917	4578
≥7	44	16	16	17	16	11	16	8	5	10	9	6	6	3	4	80	816-1	267	3628	3956	4689
≥4	9	9	4	9	3	6	1	2	4	2		1	4	3	4	71	990-1	132	4028	4566	4796

HOURS DURATION OF EVENTS

34 34.2N 155.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	2																6-2	2	2	2	4545
≥41	2	2															12-2	4	6	6	4545
≥34	14	4	2				1										42-1	21	35	35	4545
≥28	39	26	6	4	6	1			1								54-1	83	170	173	4546
≥22	77	55	29	20	13	11	2	3	3	1	3						66-3	217	593	606	4547
≥17	100	58	54	39	32	15	12	8	9	6	5	4	2	1	2	3	156-1	350	1310	1349	4557
≥11	90	51	48	37	34	41	31	19	21	10	11	10	9	6	5	30	210-1	453	2706	2773	4622
≥7	34	25	31	26	27	24	23	20	17	9	12	11	13	11	9	69	444-1	361	3561	3818	4651
≥4	8	6	5	8	8	9	3	7	8	10	4	6	4	4	4	93	618-1	187	3913	4467	4747

HOURS DURATION OF EVENTS

35 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	1			1													24-1	2	5	5	4545
≥41	3					1											36-1	4	9	9	4545
≥34	14	6	3	2	1			1									48-1	27	56	56	4545
≥28	49	26	10	10	2	1	1	2		1							60-1	102	220	220	4545
≥22	95	62	37	30	14	9	5	3	5	3	3						66-3	266	741	755	4551
≥17	90	75	52	41	30	18	19	20	11	8	5	2	2	5	1	7	126-1	386	1607	1635	4577
≥11	63	51	41	42	35	25	25	22	19	13	16	8	12	8	3	44	198-1	427	2910	3032	4619
≥7	24	25	19	16	10	14	15	12	11	16	15	6	12	15	6	84	420-1	300	3716	3990	4664
≥4	10	4	4	4	7	5	4	2	5	4	1	3	5	4	5	93	1362-1	160	4054	4715	4947

HOURS DURATION OF EVENTS

37 32.9N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4543
≥48																					4543
≥41																					4543
≥34																					4543
≥28	6	2	2														18-2	10	16	16	4543
≥22	30	20	9	4	4	2	2										42-2	71	159	159	4543
≥17	61	37	22	18	10	8	9	3	3	1		1					72-[illegible]	173	507	507	4548
≥11	124	58	39	16	19	22	14	10	12	7	8	12	8	5	7	14	180-1	375	1798	1804	4582
≥7	117	44	47	12	20	14	23	9	12	8	12	5	8	7	9	68	378-1	415	3344	3422	4742
≥4	61	37	27	15	10	8	8	5	10	3	6	6	2	3	4	84	600-1	289	3839	4139	4815

HOURS DURATION OF EVENTS

38 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	5	1															12-1	6	7	7	4545
≥28	10	8	3	2	1		1										42-1	25	55	55	4545
≥22	37	13	13	5	5	4	3	1	1	1	1			1			84-1	85	244	244	4546
≥17	71	39	32	20	10	10	9	7	3	2	2	1	2		1	8	126-2	217	817	820	4550
≥11	69	41	24	27	17	10	20	14	11	11	10	8	5	4	6	34	252-2	311	2126	2183	4594
≥7	81	34	29	17	16	7	9	11	13	11	6	5	4	10	7	72	582-1	332	3331	3499	4770
≥4	43	22	8	10	11	6	7	10	1	7	7	5	4	4	4	82	954-1	231	3931	4419	4888

HOURS DURATION OF EVENTS

40 29.6N 165.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41	5	2															12-2	7	9	9	4545
≥34	7	3		3													24-3	13	25	29	4545
≥28	25	8	8	5	3	2	2										42-2	53	126	134	4545
≥22	63	27	22	14	10	11	4	9	3	1	1		1		1		90-1	167	531	540	4548
≥17	73	33	29	24	18	14	15	9	6	8	6	2	2	2	2	12	288-1	255	1246	1260	4557
≥11	67	42	33	25	25	17	20	16	5	9	6	13	7	8	6	34	372-1	333	2441	2597	4564
≥7	46	23	18	24	19	13	21	12	14	6	8	9	12	5	7	63	552-1	300	3416	3764	4716
≥4	17	4	8	6	6	4	5	11	3	7	5	5	7	7	2	71	894-1	168	3833	4445	4757

HOURS DURATION OF EVENTS

41 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41	2																6-2	2	2	2	4545
≥34	6																6-6	6	6	6	4545
≥28	13	5	1	2	1		1										42-1	23	46	46	4545
≥22	28	14	16	4	3	1	5	2	1					1			84-1	76	226	226	4545
≥17	68	42	27	18	5	5	8	8	3	1	3	1	2	2	1	4	150-1	198	705	708	4545
≥11	106	37	41	18	32	25	20	13	11	7	9	3	5	7	4	29	252-1	367	2114	2161	4589
≥7	68	41	18	16	17	25	17	15	14	7	10	18	14	9	8	62	468-1	359	3374	3474	4627
≥4	26	23	8	4	3	8	6	4	8	8	2	8	9	4	5	91	804-1	219	3897	4410	4830

HOURS DURATION OF EVENTS

23 42.4N 172.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	3		2														18- 2	5	9	9	4545
≥48	22	10	4	4													24- 4	40	70	70	4545
≥41	45	29	10	7	1	2		1								1	96- 1	96	202	203	4545
≥34	78	42	39	21	15	8	4	1		1		1				1	102- 1	211	561	569	4548
≥28	92	71	55	30	28	15	11	6	3	3	4	4	2	4		1	150- 1	329	1130	1146	4553
≥22	100	65	61	42	31	25	22	12	16	7	8	6	2	2	3	18	222- 1	420	1971	1999	4555
≥17	41	59	46	46	33	29	22	28	16	13	9	10	3	8	4	38	264- 1	405	2780	2855	4598
≥11	29	31	25	18	16	27	22	13	9	16	13	12	7	6	10	68	378- 1	322	3511	3794	4657
≥7	9	10	11	12	11	10	9	6	6	10	8	6	6	5	6	79	1248- 1	204	3971	4447	4806
≥4	3	5		1	2	1	3	1	2	2		2	2	3	2	50	1794- 1	79	3766	4871	4969

HOURS DURATION OF EVENTS

24 41.0N 134.9W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6- 1	1	1	1	4545
≥48	6	2	1														18- 1	9	13	13	4545
≥41	23	14	5	2	1												30- 1	45	79	79	4545
≥34	31	25	16	8	8	3		1		2							60- 2	94	247	247	4545
≥28	62	35	30	18	12	11	9	1	4	3	3	1		1			84- 1	190	616	623	4545
≥22	45	44	53	32	21	20	12	14	12	5	6	4	4	2	1	6	174- 1	281	1326	1341	4545
≥17	45	40	33	34	26	19	20	20	10	7	9	5	8	1	3	28	234- 2	308	2054	2111	4545
≥11	43	26	22	19	17	17	10	12	16	12	12	9	6	3	5	65	480- 1	294	3099	3308	4608
≥7	23	13	15	10	8	12	11	8	7	3	7	2	2	6	2	80	966- 1	209	3599	4028	4616
≥4	14	1	6	3	4	5	4	7	8	3	3	4	1		1	70	1020- 1	134	3813	4609	4813

HOURS DURATION OF EVENTS

26 39.5N 153.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	9	2															12- 2	11	13	13	4545
≥41	11	14	4														18- 4	29	51	51	4545
≥34	46	28	14	3	6	1											36- 1	98	192	193	4545
≥28	61	60	28	21	14	8	2	3	1								54- 1	198	514	524	4545
≥22	97	65	68	37	20	24	16	8	5	2	2		1	1	1		90- 1	347	1128	1157	4558
≥17	103	79	69	53	42	25	18	21	12	9	12	5	6	4		5	114- 2	463	1946	1986	4578
≥11	57	37	56	42	47	28	33	19	16	14	23	11	7	7	5	45	312- 1	447	3117	3200	4603
≥7	31	25	21	20	13	22	17	14	14	9	15	12	9	9	6	86	576- 1	323	3879	4121	4772
≥4	12	4	7	7	3	7	7	7	4	2	5	4	2	3	6	86	996- 1	166	4090	4756	4982

HOURS DURATION OF EVENTS

27 36.2N 127.4W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41	1	4		1													24- 1	6	13	13	4545
≥34	7	9	3	2	1	1	1		1								54- 1	25	69	69	4545
≥28	22	15	7	7	3		1	1		3	2						66- 2	61	183	189	4545
≥22	52	28	19	13	14	4	10	3	2		1	1		3	1	3	114- 1	154	557	567	4548
≥17	65	43	35	23	25	14	5	11	10	5	6	1	2	3	1	14	198- 1	263	1261	1281	4572
≥11	51	28	23	27	25	18	16	14	12	10	11	7	6	10	3	48	324- 1	309	2588	2703	4611
≥7	41	23	19	13	15	12	10	12	6	12	11	10	4	4	2	75	708- 1	269	3489	3733	4695
≥4	22	11	12	8	5	7	5	4	3	5	4	9	2	2	6	76	1002- 1	181	3969	4369	4747

HOURS DURATION OF EVENTS

29 35.9N 171.0W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1															12- 1	1	2	2	4545
≥48	6	1	1	1													24- 1	9	15	15	4545
≥41	16	3	4	4	1												30- 1	28	55	59	4545
≥34	36	25	12	5	4	2	2		1								54- 1	87	197	203	4545
≥28	56	35	28	22	19	5	3	5	2							1	108- 1	176	520	531	4545
≥22	89	54	40	34	26	7	12	9	7	4	4	3	3		1	7	168- 1	300	1162	1198	4561
≥17	79	55	44	42	36	28	16	9	9	14	6	5	4	4	4	21	198- 1	376	2009	2093	4576
≥11	61	35	31	28	30	26	23	19	15	9	11	7	5	7	8	49	348- 2	364	3058	3368	4635
≥7	30	11	19	20	9	14	12	11	9	11	7	11	5	7	7	80	576- 1	263	3521	4136	4674
≥4	7	5	1	10	6	1	4	1	3	1	7	3	1	3	3	68	870- 1	124	3624	4733	4911

HOURS DURATION OF EVENTS

30 35.7N 176.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	2	3		1													24- 1	6	12	12	4545
≥41	15	3	4		1												30- 1	23	38	38	4545
≥34	42	21	10	4	5	2	1										42- 1	85	174	174	4546
≥28	60	33	30	17	10	4	5	3	2	1		1		1		1	96- 1	168	487	487	4547
≥22	78	53	40	38	18	14	17	6	12	5	3		1		1	1	96- 1	287	1032	1056	4555
≥17	81	53	45	45	21	20	15	21	10	12	11	6	5	5	5	10	222- 1	365	1828	1874	4580
≥11	58	44	40	35	37	27	25	26	19	10	17	9	9	8	6	41	288- 1	411	3044	3242	4658
≥7	31	17	17	17	14	16	15	12	17	7	8	14	16	8	10	84	456- 1	303	3743	4069	4707
≥4	3	9	5	5	7	7	5	4	4	5	5		7	8	4	83	720- 1	161	3968	4640	4867

HOURS DURATION OF EVENTS

32 35.4N 142.0W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	2		1														18- 1	3	5	5	4545
≥41	7	5	2														18- 2	14	23	23	4545
≥34	16	10	11	2	3	1											36- 1	43	98	98	4545
≥28	31	26	13	14	9	4	2	2		1	3						66- 3	105	320	321	4545
≥22	55	43	32	10	18	4	9	12	4	2	4		1			7	162- 1	201	797	811	4545
≥17	65	41	35	37	17	22	13	8	7	4	6	5		6	5	16	246- 1	287	1527	1578	4557
≥11	43	29	28	25	24	16	18	15	13	9	7	1	5	4	6	56	720- 1	299	2732	2917	4578
≥7	44	16	16	17	16	11	16	8	5	10	9	6	6	3	4	80	816- 1	267	3628	3956	4689
≥4	9	9	4	9	3	6	1	2	4	2		1	4	3	4	71	990- 1	132	4028	4566	4796

HOURS DURATION OF EVENTS

33 34.6N 145.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	1																6- 1	1	1	1	4545
≥41	4	2															12- 2	6	8	8	4545
≥34	9	4	2	1													24- 1	16	27	27	4545
≥28	41	19	8	3	3	2											36- 2	76	142	142	4545
≥22	66	45	36	19	9	7	3	4	4	1							60- 1	194	526	526	4546
≥17	88	72	56	42	25	12	14	12	4	2	5	3		1	2	2	204- 1	340	1202	1204	4551
≥11	71	64	67	56	34	43	20	10	22	18	16	7		5	4	22	216- 1	459	2512	2556	4580
≥7	51	34	34	32	29	19	30	22	16	14	12	9	6	7	11	63	636- 1	389	3485	3701	4612
≥4	15	13	8	14	12	5	10	5	13	5	9	3	7	5	4	91	906- 1	219	3935	4514	4858

HOURS DURATION OF EVENTS

35 34.2N 163.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	1			1													24- 1	2	5	5	4545
≥41	3					1											36- 1	4	9	9	4545
≥34	14	6	3	2	1			1									48- 1	27	56	56	4545
≥28	49	26	10	10	2	1	1	2		1							60- 1	102	220	220	4545
≥22	95	62	37	30	14	9	5	3	5	3	3						66- 3	266	741	755	4551
≥17	90	75	52	41	30	18	19	20	11	8	5	2	2	5	1	7	126- 1	386	1607	1635	4577
≥11	63	51	41	42	35	25	25	22	19	13	16	8	12	8	3	44	198- 1	427	2910	3032	4619
≥7	24	25	19	16	10	14	15	12	11	16	15	6	12	15	6	84	420- 1	300	3716	3990	4664
≥4	10	4	4	4	7	5	4	2	5	4	1	3	5	4	5	93	1362- 1	160	4054	4715	4947

HOURS DURATION OF EVENTS

36 33.7N 123.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	1																6- 1	1	1	1	4545
≥41	2	3															12- 3	5	8	8	4545
≥34	17	6	8	4	1												30- 1	36	74	74	4545
≥28	30	12	10	9	10	3	3		2								54- 2	79	227	227	4545
≥22	32	16	27	15	13	14	8	3	6	3						2	150- 1	139	559	564	4559
≥17	54	37	31	26	17	16	14	15	14	8	3	3	3		1	6	270- 1	248	1191	1207	4580
≥11	62	28	32	25	20	24	21	15	14	9	5	10	9	9	6	42	282- 1	331	2555	2643	4627
≥7	33	25	25	15	14	21	15	14	17	5	10	12	7	6	9	72	474- 1	300	3477	3686	4677
≥4	21	12	18	7	5	8	10	10	10	9	2	4	4	5	2	84	1128- 1	211	3860	4312	4874

HOURS DURATION OF EVENTS

38 31.5N 127.7W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	5	1															12- 1	6	7	7	4545
≥28	10	8	3	2	1		1										42- 1	25	55	55	4545
≥22	37	13	13	5	5	4	3	1	1	1	1			1			84- 1	85	244	244	4546
≥17	71	39	32	20	10	10	9	7	3	2	2	1	2		1	8	126- 2	217	817	820	4550
≥11	69	41	24	27	17	10	20	14	11	11	10	8	5	4	6	34	252- 2	311	2126	2183	4594
≥7	81	34	29	17	16	7	9	11	13	11	6	5	4	10	7	72	582- 1	332	3331	3499	4770
≥4	43	22	8	10	11	6	7	10	1	7	7	5	4	4	4	82	954- 1	231	3931	4419	4888

HOURS DURATION OF EVENTS

39 29.9N 177.3W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	1																6- 1	1	1	1	4545
≥41	3	1	1	1													24- 1	6	12	12	4545
≥34	8	5	2	1	2			1									48- 1	19	46	46	4545
≥28	25	8	5	5	6	2	2					1		1			84- 1	55	158	158	4547
≥22	50	31	26	19	12	5	4	3	1	3		2	1	2		1	102- 1	160	529	536	4547
≥17	69	34	34	26	9	24	10	8	8	5	4	1		2	4	11	240- 1	249	1175	1197	4551
≥11	70	32	30	35	22	14	19	19	12	13	11	10	7	6	5	36	282- 1	341	2408	2534	4577
≥7	65	31	22	20	14	17	11	8	14	16	14	6	7	8	6	67	594- 1	326	3235	3558	4585
≥4	20	10	12	10	3	7	4	8	2	5	7	7	3	6	9	79	720- 1	192	3816	4372	4710

HOURS DURATION OF EVENTS

41 29.4N 134.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41	2																6- 2	2	2	2	4545
≥34	6																6- 6	6	6	6	4545
≥28	13	5	1	2	1		1										42- 1	23	46	46	4545
≥22	28	14	16	4	3	1	5	2	1		1			1			84- 1	76	226	226	4545
≥17	68	42	27	18	5	5	8	8	3	1	3	1	2	2	1	4	150- 1	198	705	708	4545
≥11	106	37	41	18	32	25	20	13	11	7	9	3	5	7	4	29	252- 1	367	2114	2161	4589
≥7	68	41	18	16	17	25	17	15	14	7	10	18	14	9	8	62	468- 1	359	3374	3474	4627
≥4	28	23	8	4	3	8	8	4	8	8	2	8	9	4	5	91	804- 1	219	3897	4410	4830

HOURS DURATION OF EVENTS

42 28.8N 139.2W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	2																6- 2	2	2	2	4545
≥28	11	4	2		1												30- 1	18	30	30	4545
≥22	25	6	7	6	1	2	2	1	1	1						1	114- 1	53	159	159	4545
≥17	72	26	27	10	9	10	3	2	6	3			2	3		5	156- 1	178	640	642	4557
≥11	113	37	28	24	18	14	15	9	3	10	9	7	3	3	4	37	438- 1	334	2144	2191	4647
≥7	65	23	19	14	14	14	9	8	14	15	6	12	8	1	1	74	654- 1	297	3424	3659	4788
≥4	35	8	6	10	11	11	1	6	8	6	2	5	3	3	2	79	1626- 1	196	4281	4939	5347

HOURS DURATION OF EVENTS

2

43 — 28.2N 125.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	1																6-1	1	1	1	4545
≥41	4	1	1														18-1	6	9	9	4545
≥34	18	4	2	1	1	3	1		1								54-1	31	75	75	4545
≥28	32	13	11	12	4	3		4	5	1	2			1	1		90-1	89	315	315	4546
≥22	70	23	23	15	20	9	12	4	3	8	1	3	2	3	2	9	180-1	207	944	949	4564
≥17	103	28	22	15	23	6	20	9	11	5	11	4	2	1	4	35	216-1	299	1872	1935	4578
≥11	73	16	17	10	16	9	12	13	11	6	6	6	8		4	66	588-1	273	3188	3477	4694
≥7	25	12	8	7	5	6	3	6	9	6	6		2	5	3	65	804-1	168	3799	4484	4974
≥4	9	8	6	4	2	3	2	2	4	5	4	1		1		50	1542-1	101	3792	5069	5301

HOURS DURATION OF EVENTS

44 — 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	1	2															12-2	3	5	5	4545
≥28	11	3	1	2	1												30-1	18	33	33	4545
≥22	30	15	16	4	2	5	1	1		1	1						66-1	76	200	200	4547
≥17	64	35	21	13	10	12	6	8	2	1	2		2		4	2	120-2	182	653	681	4554
≥11	108	42	42	22	29	18	22	17	12	9	12	6	5	6	5	16	174-1	371	1910	1976	4561
≥7	86	44	36	26	23	16	18	16	14	12	9	14	12	8	6	59	300-1	399	3094	3261	4594
≥4	40	20	8	15	8	10	11	11	6	12	13	8	6	5	3	93	420-1	269	3763	417[illegible]	4687

HOURS DURATION OF EVENTS

46 — 26.1N 170.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34			1														18-1	1	3	3	4545
≥28	7	2	3								1						66-1	13	31	31	4545
≥22	33	11	11	6	2	4	1	1	2							1	102-1	72	196	196	4545
≥17	68	25	22	13	10	9	7	4	5	3	3	4	2	3		1	156-1	179	671	709	4545
≥11	85	46	44	27	19	15	18	12	7	3	5	7	8	4	2	31	420-1	333	2036	2125	4554
≥7	87	25	18	10	20	12	18	21	15	11	12	5	4	6	9	55	708-1	328	3144	3371	4575
≥4	34	21	18	6	6	4	5	7	5	9	9	5	12	2	2	76	822-1	221	3655	4162	4602

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	1																6-1	1	1	1	4545
≥28	1																6-1	1	1	1	4545
≥22	7	2	1		2												30-2	12	24	24	4548
≥17	77	26	12	7	8	3	2	1					1				78-1	137	286	293	4552
≥11	172	51	32	29	28	18	13	20	14	10	13	2	6	3	4	19	216-1	434	1941	1993	4599
≥7	72	34	20	13	8	7	11	13	6	13	6	1	8	4	9	72	582-1	297	3395	3661	4746
≥4	22	11	10	9	7	1	3	6	4	3	6	4	5	2	5	68	1074-1	166	3812	4492	4890

HOURS DURATION OF EVENTS

49 — 22.6N 128.0E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	2																6-2	2	2	2	4545
≥41	4	1	1														18-1	6	9	9	4545
≥34	15	4	4				1					1					72-1	25	54	54	4545
≥28	46	16	13	3	6	2	2	2		1		1		1		2	96-2	95	269	275	4545
≥22	83	33	28	13	9	11	7	8	10	5	2	5	3		2	10	210-1	229	1002	1015	4545
≥17	93	27	28	10	22	15	9	9	14	9	5	5	6	2	9	34	306-2	297	1936	2053	4568
≥11	54	23	13	6	9	4	6	3	6	5	10	3	3	6	5	67	642-1	223	3041	3462	4641
≥7	30	10	10	5	8	3	3	3	1	6	4	1	1	2	5	67	1020-1	159	3493	4251	4768
≥4	10	6	3	5	1	3	2	3	3	1	3		2	1	1	48	1980-1	92	3739	5048	5210

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	1																6-1	1	1	1	4545
≥28	7	4	2														18-2	13	21	21	4545
≥22	39	13	8	4	6	1	2		2	1							60-1	76	183	184	4545
≥17	100	28	20	11	17	12	9	6	14		1	2	3		1	4	180-1	228	838	843	4552
≥11	142	37	28	18	22	11	12	10	5	6	8	6	6	4	4	38	516-1	357	2465	2550	4584
≥7	87	18	21	14	14	5	11	8	8	7	5	2	3	5	7	71	720-1	286	3590	3785	4696
≥4	39	15	8	4	7	5	3	4	6	1	3	3		1	2	75	1170-1	176	4078	4508	4839

HOURS DURATION OF EVENTS

52 — 19.2N 127.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41	1																6-1	1	1	1	4545
≥34	5		1														18-1	6	8	8	4545
≥28	11	7	2	2	1		2										42-2	25	58	58	4548
≥22	49	17	13	7	4	3	2	2	1	1	2				1	2	108-2	104	310	324	4563
≥17	160	45	39	21	17	8	8	6	6	4	7	3	3		3	8	366-1	338	1176	1211	4620
≥11	120	34	31	23	17	8	11	14	8	8	8	5	10	7	4	66	486-1	374	3324	3536	4709
≥7	40	9	3	5	3	5	2	1	2	3	5	1	2	2	1	61	1830-1	145	3911	4820	5104
≥4	4	5	6		1		1		1						1	27	SEA-2	46	3247	5370	5440

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	3																6-3	3	3	3	4545
≥48	10	3	2	2	2												30-2	19	40	40	4545
≥41	23	5	3	3	1	1	3	1	1	1							60-1	42	113	113	4545
≥34	56	24	12	9	11	2	5	3	1	2		1	1	1			84-1	128	370	371	4545
≥28	112	35	19	11	9	8	8	9	5	7	4	2	3	2	3	6	138-1	243	915	929	4553
≥22	127	53	31	27	14	17	7	8	7	8	4	6	6	6	5	21	402-1	347	1780	1915	4559
≥17	113	39	25	19	20	9	14	15	7	9	6	6	6	7	4	47	576-1	346	2636	2912	4625
≥11	57	29	22	6	7	6	11	8	5	2		1	5	2	3	68	900-1	232	3516	4043	4757
≥7	31	10	9	9	3		3	4	3		5				1	48	1998-1	126	3521	4698	5001
≥4	13	3	2	1	6		2	2		2	2	1	1	1	1	23	SEA-2	60	3129	4943	5035

HOURS DURATION OF EVENTS

55 — 17.6N 138.5E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	5																6-5	5	5	5	4545
≥41	7	2	2						1								54-1	12	26	26	4545
≥34	12	8	4	2	2	1	1			1							60-1	31	81	81	4545
≥28	32	8	7	3	1	4	5	1	4	1	1	1	1			1	108-1	70	253	254	4545
≥22	65	34	21	8	9	4	6	1	1	6	3	2		3	1	5	264-1	169	663	687	4545
≥17	122	35	30	14	15	17	15	6	3	6	4	7	4	7	3	18	396-1	306	1504	1595	4565
≥11	94	29	20	13	13	8	14	8	10	7	10	7	6	4	6	55	600-1	304	2896	3179	4704
≥7	59	17	18	10	5	7	2	5	4	4	1	1	3	1	2	71	1080-1	210	3732	4480	5099
≥4	16	4	7	8	4	1	3	2	1	3	1	1	2	1	1	47	SEA-1	102	3872	5310	5483

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41	1																6-1	1	1	1	4545
≥34	1																6-1	1	1	1	4545
≥28		2															12-2	2	4	4	4545
≥22	19	4	3	1		1	1										42-1	29	53	53	4545
≥17	71	27	16	4	1	4	3		1		1					1	108-1	129	277	279	4547
≥11	201	90	51	30	11	14	16	11	13	6	5	4	1	3	2	8	264-1	466	1536	1599	4581
≥7	148	70	53	27	29	16	13	10	12	15	7	9	6	7	9	49	450-1	480	3153	3344	4736
≥4	58	29	18	13	14	12	4	5	11	7	5	7	3	5	4	78	840-1	273	4014	4484	5062

HOURS DURATION OF EVENTS

58 — 14.5N 127.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4541
≥48	2																6-2	2	2	2	4541
≥41	1	3															12-3	4	7	7	4541
≥34	6	6	2		1	1											36-1	16	35	35	4541
≥28	16	7	5	3	6		1		1	1	1						66-1	41	124	124	4541
≥22	55	18	13	9	4	1	4	2	4	2	4	1	3	3		1	108-1	124	447	453	4546
≥17	95	31	27	14	9	8	11	3	4	1	7	3	5	5	3	13	228-1	239	1132	1180	4590
≥11	135	48	32	23	8	7	13	7	6	4	4	6	2	9	6	40	408-1	350	2418	2632	4630
≥7	84	20	19	15	15	14	7	5	4	4	8	3	3	3	5	58	684-1	267	3164	3955	4867
≥4	43	17	8	3	7	3	3	2	2	2	5	2	3	1	3	52	SEA-1	156	3737	5171	5459

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	1																6-1	1	1	1	4545
≥41																				3	4545
≥34																				3	4545
≥28	10	1															12-1	11	12	15	4545
≥22	49	9	11		2	2	1	1			1		1				78-1	77	161	164	4548
≥17	135	31	40	11	10	8	9	4	8	5	3	1	2	1		6	276-1	274	935	951	4583
≥11	140	41	53	12	7	8	16	10	13	6	10	3	1	3	2	43	876-1	368	2616	2890	4643
≥7	55	17	13	8	5	6	7	3	5	5	5	2	1	3	2	66	1680-1	203	3769	4482	4977
≥4	17	5	3	1	1	2		4				1	1	1		38	SEA-2	74	4007	5373	5483

HOURS DURATION OF EVENTS

61 — 12.0N 156.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	1		1														18-1	2	4	4	4545
≥28	3									1							60-1	4	13	13	4545
≥22	36	15	2			2								1			84-1	56	98	103	4545
≥17	111	31	18	5	11	9	1	3	3	1		1	2			4	258-1	200	557	563	4580
≥11	144	36	40	15	11	10	12	12	3	8	8	1	8	5	2	40	390-1	355	2338	2642	4796
≥7	77	20	20	8	6	5	2	4	1	3	5	1	1	1	2	50	SEA-1	206	3715	4482	5236
≥4	31	11	7	7	6	3	3	2	4	2	1	2	2	1		26	SEA-2	108	3177	5166	5398

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34		1															12-1	1	2	2	4545
≥28		1		1													24-1	2	6	6	4545
≥22	2	3		1							1						66-1	7	23	23	4545
≥17	4	5	2	4			1							1			84-1	17	57	57	4545
≥11	16	8	4	4	1	2	2				1	1				4	162-1	43	195	195	4550
≥7	87	31	13	5	9	3	3	2	1	2	2	1	2	1	2	9	354-1	173	703	792	4569
≥4	120	50	24	15	9	8	1	2	5	3	1	4	3		2	28	1476-1	275	2580	2963	5371

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

44 — 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	1	2															12-2	3	5	5	4545
≥28	11	3	1	2	1												30-1	18	33	33	4545
≥22	30	15	16	4	2	5	1	1		1	1						66-1	76	200	200	4547
≥17	64	35	21	13	10	12	6	8	2	1	2		2		4	2	120-2	182	653	681	4554
≥11	108	42	42	22	29	18	22	17	12	9	12	6	5	6	5	16	174-1	371	1910	1976	4561
≥7	86	44	36	26	23	16	18	16	14	12	9	14	12	8	6	59	300-1	399	3094	3261	4594
≥4	40	20	8	15	8	10	11	11	6	12	13	8	6	5	3	93	420-1	269	3763	4171	4687

HOURS DURATION OF EVENTS

45 — 27.8N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	2		1		1												30-1	4	10	10	4545
≥28	4	3	4	2				2									48-2	15	46	46	4545
≥22	48	16	14	5	4	3	3	2	1	1	1	3					72-3	101	283	289	4551
≥17	73	32	23	17	16	10	4	7	8	3	5	3	3	1		7	126-2	212	873	888	4553
≥11	96	40	27	19	20	17	19	11	7	8	3	4	7		2	47	396-1	327	2313	2416	4630
≥7	63	31	13	20	15	17	17	12	5	9	5	9	3	5	5	67	870-1	296	3470	3778	4840
≥4	22	18	10	8	4	6	6	8	7	5	4	3	1	2	3	63	1002-1	170	3809	4884	5230

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	1																6-1	1	1	1	4545
≥28	1																6-1	1	1	1	4545
≥22	7	2	1		2												30-2	12	24	24	4548
≥17	77	26	12	1	8	3	2	1					1				78-1	137	286	293	4552
≥11	112	51	32	29	28	18	13	20	14	10	13	2	6	3	4	19	216-1	434	1941	1993	4599
≥7	72	34	20	13	8	7	11	13	6	13	6	1	8	4	9	72	582-1	297	3395	3661	4746
≥4	22	11	10	9	7	1	3	6	4	3	6	4	5	2	5	68	1074-1	166	3812	4492	4890

HOURS DURATION OF EVENTS

48 — 23.5N 151.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34																					4545
≥28	5	1	5														18-5	11	22	22	4545
≥22	27	19	9	3	4	1				2	1						66-1	66	161	164	4545
≥17	93	36	23	10	12	4	5	4	6	5	1	1	3	3	2	5	180-1	213	784	792	4561
≥11	120	40	37	15	18	13	3	6	10	4	5	9	5	3	4	47	540-1	339	2579	2641	4683
≥7	59	18	17	9	9	8	12	7	3	6	8	9	2	3	4	60	888-1	234	3566	3938	4795
≥4	20	12	10	2	2	4	4	5	3	7	3		5	3		58	1794-1	138	3954	4730	5045

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	1																6-1	1	1	1	4545
≥28	7	4	2														18-2	13	21	21	4545
≥22	39	13	8	4	6	1	2		2	1							60-1	76	183	184	4545
≥17	100	28	20	11	17	12	9	6	14		1	2	3		1	4	180-1	228	838	843	4552
≥11	142	37	28	18	22	11	12	10	5	6	8	6	6	4	4	38	516-1	357	2465	2550	4584
≥7	87	18	21	14	14	5	11	8	8	7	5	2	3	5	7	71	720-1	286	3590	3785	4696
≥4	39	15	8	4	7	5	3	4	6	1	3	3		1	2	75	1170-1	176	4078	4508	4839

HOURS DURATION OF EVENTS

51 — 20.5N 177.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	1		1														18-1	2	4	4	4545
≥28	9		2	1		1											36-1	13	25	25	4545
≥22	31	16	3	10	4	1		1	3		1		1		1		90-1	72	212	212	4545
≥17	81	21	20	11	8	8	9	2	3	3	1	5	3	3	1	8	162-2	187	788	828	4546
≥11	106	39	28	20	23	9	14	10	5	3	10	3	3	6	1	47	378-1	327	2428	2564	4603
≥7	53	18	19	8	8	7	7	6	10	6	9	4	4	2		68	1218-1	229	3517	3927	4662
≥4	18	10	5	6	2	7	2	4	1	1	1	2	5			61	1404-1	125	3546	4549	4769

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	3																6-3	3	3	3	4545
≥48	10	3	2	2	2												30-2	19	40	40	4545
≥41	23	5	3	3	1	1	3	1	1	1							60-1	42	113	113	4545
≥34	56	24	12	9	11	2	5	3	1	2		1	1	1			84-1	128	370	371	4545
≥28	112	35	19	11	9	8	8	9	5	7	4	2	3	2	3	6	138-1	243	915	929	4553
≥22	127	53	31	27	14	17	7	8	7	8	4	6	6	6	5	21	402-1	347	1780	1915	4559
≥17	113	39	25	19	20	9	14	15	7	9	6	6	6	7	4	47	576-1	346	2636	2912	4625
≥11	57	29	22	6	7	6	11	8	5	2		1	5	2	3	68	900-1	232	3516	4043	4757
≥7	31	10	9	9	3		3	4	3		5				1	48	1998-1	126	3521	4698	5001
≥4	13	3	2	1	6		2	2		2	2	1	1	1	1	23	SEA-2	60	3129	4943	5035

HOURS DURATION OF EVENTS

54 — 18.2N 168.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	1	1															12-1	2	3	3	4545
≥41	1	2	1	1													24-1	5	12	12	4545
≥34	5	2	1		1		1	1									48-1	11	32	32	4545
≥28	12	7	2	2			1			1		1	1				78-1	27	82	83	4545
≥22	56	26	14	8	2	5	2	4	2	1	2			1	1	2	114-1	126	382	392	4546
≥17	101	47	25	9	9	14	10	8	3	2	9	2	3	2	1	15	198-1	260	1153	1224	4561
≥11	89	24	16	16	14	15	8	8	7	3	6	5	7	7	4	52	714-1	281	2735	3101	4653
≥7	57	18	9	4	7	5	3	5	2	2	3	1	3	3		55	1368-1	177	3560	4237	4778
≥4	18	7	3	3	3	2	2				1	2	1	2		46	1830-1	90	3679	4753	4886

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41	1																6-1	1	1	1	4545
≥34	1																6-1	1	1	1	4545
≥28		2															12-2	2	4	4	4545
≥22	19	4	3	1		1	1										42-1	29	53	53	4545
≥17	71	27	16	4	1	4	3		1		1					1	108-1	129	277	279	4547
≥11	201	90	51	30	11	14	16	11	13	6	5	4	1	3	2	8	264-1	466	1536	1599	4581
≥7	148	70	53	27	29	16	13	10	12	15	7	9	6	7	9	49	450-1	480	3153	3344	4736
≥4	58	29	18	13	14	12	4	5	11	7	5	7	3	5	4	78	840-1	273	4014	4484	5062

HOURS DURATION OF EVENTS

57 — 14.9N 147.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34	5	1	1					1									48-1	8	18	18	4545
≥28	25	6	5	2	1								1				78-1	40	78	79	4545
≥22	98	18	9	5	8	3	2	1	2	1	1				·		90-1	149	315	321	4545
≥17	178	46	38	15	14	5	12	5	4	8	3	1	1	2	3	5	162-1	340	1026	1043	4552
≥11	185	57	45	16	22	7	15	6	12	4	14	3	5	5	6	48	510-1	450	2666	2815	4624
≥7	90	24	26	15	14	10	8	4	7	10	6	2	2	1	3	63	1596-1	285	3759	4196	4882
≥4	14	7	3	4	2	3	2	4			3	1	1		2	52	1674-1	99	3798	4884	5051

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48	1																6-1	1	1	1	4545
≥41																				3	4545
≥34																				3	4545
≥28	10	1															12-1	11	12	15	4545
≥22	49	9	11		2	2	1	1			1		1				78-1	77	161	164	4548
≥17	135	31	40	11	10	8	9	4	8	5	3	1	2	1		6	276-1	274	935	951	4583
≥11	140	41	53	12	7	8	16	10	13	6	10	3	1	3	2	43	876-1	368	2616	2890	4643
≥7	55	17	13	8	5	6	7	3	5	5	5	2	1	3	2	66	1680-1	203	3769	4482	4977
≥4	17	5	3	1	1	2		4				1	1	1		38	SEA-2	74	4007	5373	5483

HOURS DURATION OF EVENTS

60 — 12.2N 112.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41	5	1	1														18-1	7	10	10	4545
≥34	4	5		1	1								1		1		90-1	13	51	51	4546
≥28	24	4	4	4	2	1	1		1							2	300-1	43	158	158	4554
≥22	74	17	21	7	5	2	10	2	1	1	1	1		1		6	354-2	149	589	615	4564
≥17	99	38	23	7	12	5	5	6	6	6	5	1	4		2	18	588-1	237	1287	1412	4600
≥11	105	31	28	23	12	12	7	3	5	3	2	2	4	3	4	51	882-1	295	2663	2921	4789
≥7	64	18	19	8	10	9	7	5	5	7	1	8	1	5	3	49	1146-1	219	3716	4230	5136
≥4	36	13	7	8	6	4	4	2	2	6	6		1	6		38	SEA-1	139	3862	5145	5548

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34		1															12-1	1	2	2	4545
≥28		1		1													24-1	2	6	6	4545
≥22	2	3		1							1						66-1	7	23	23	4545
≥17	4	5	2	4			1							1			84-1	17	57	57	4545
≥11	16	8	4	4	1	2	2				1	1				4	162-1	43	195	195	4550
≥7	87	31	13	5	9	3	3	2	1	2	2	1	2	1	2	9	354-1	173	703	792	4569
≥4	120	50	24	15	9	8	1	2	5	3	1	4	3		2	28	1476-1	275	2580	2963	5371

HOURS DURATION OF EVENTS

63 — 2.1N 123.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥48																					4545
≥41																					4545
≥34																					4545
≥28	1																6-1	1	1	1	4545
≥22	1																6-1	1	1	1	4545
≥17	1																6-1	1	1	1	4545
≥11	8	1	1		1												30-1	11	18	18	4545
≥7	31	2	3	2	1											1	144-1	40	81	81	4545
≥4	136	31	11	4	3	3	1	4			1				1	1	186-1	196	376	376	4545

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS

1 — **64.0N 166.7W**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64		2															0.50-2	2	4	4	17219
≥48	10	5	4		1												1.25-1	20	37	37	17219
≥41	38	23	21	10	9												1.50-5	101	237	239	17219
≥34	70	33	35	31	60	8	2	2									4.75-1	241	882	899	17219
≥28	102	68	59	51	104	36	14	9	7								7.50-1	450	2161	2204	17219
≥22	105	92	76	77	163	76	28	13	34	1							13.00-1	665	4228	4407	17219
≥17	127	68	66	70	210	122	57	28	56	11							16.00-1	815	6783	7125	17219
≥11	107	66	62	64	184	124	86	47	104	31	4	1					37.75-1	880	10492	11238	17219
≥7	81	35	36	38	142	103	75	50	116	57	10	3	1				77.00-1	747	12560	14182	17219
≥4	62	30	24	28	61	59	43	38	105	62	18	11		1			122.00-1	542	13117	15797	17219

DAYS DURATION OF EVENTS

2 — **59.4N 172.0W**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	1	3															0.50-3	4	7	7	17217
≥48	18	12	11	5		1											3.00-1	47	107	111	17217
≥41	39	34	29	17	18				1								5.25-1	138	383	389	17217
≥34	101	75	44	33	63	16	1		1								8.25-1	334	1092	1103	17217
≥28	116	96	87	58	144	39	8	6	6								8.75-1	560	2430	2461	17217
≥22	132	90	90	89	226	94	33	15	20	2							10.25-2	791	4680	4754	17217
≥17	161	97	88	87	268	133	63	30	47	8							17.50-1	982	7170	7465	17217
≥11	94	68	62	62	220	173	99	66	92	33	2						22.50-1	971	11062	11856	17217
≥7	71	34	29	24	119	116	76	61	135	70	10	2					42.25-1	747	13380	14750	17217
≥4	40	12	17	7	37	37	33	20	98	72	23	14	1				66.00-1	411	13427	16280	17217

DAYS DURATION OF EVENTS

4 — **56.8N 174.8E**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	6	4	2														0.75-2	12	20	20	17219
≥48	46	26	20	11	12	3											3.00-1	118	303	308	17219
≥41	67	54	36	32	40	8	1	2									4.25-2	240	778	791	17219
≥34	108	71	62	48	102	19	9		5								7.50-2	424	1709	1739	17219
≥28	132	93	80	74	175	47	18	7	16								8.50-1	642	3208	3268	17219
≥22	133	76	98	75	257	97	31	30	34	2							13.00-1	833	5539	5672	17219
≥17	156	93	99	73	278	147	59	40	60	16							19.75-1	1021	8162	8419	17219
≥11	116	73	66	43	221	145	89	76	121	37	5						24.25-1	992	11938	12488	17219
≥7	64	36	26	30	97	104	69	56	146	71	14	1					44.25-1	714	13487	15039	17219
≥4	27	15	20	11	37	32	25	22	87	80	27	14	1				84.25-1	398	13866	16402	17219

DAYS DURATION OF EVENTS

5 — **56.8N 141.9W**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17219
≥48	13	8	6														0.75-6	27	47	47	17219
≥41	44	30	15	12	5												2.00-1	106	227	227	17219
≥34	80	74	40	28	40	5											2.50-2	267	739	741	17219
≥28	130	95	66	55	107	22	7										3.50-3	482	1698	1720	17219
≥22	172	134	113	72	215	67	16	3	10								7.50-1	802	3607	3664	17219
≥17	190	157	114	103	262	129	48	19	31								10.00-1	1053	6080	6208	17219
≥11	157	106	116	101	291	189	81	50	92	10							18.75-1	1193	10139	10522	17219
≥7	105	59	76	60	149	160	93	64	151	49	3						22.75-2	969	12939	13868	17219
≥4	38	45	19	28	73	67	41	39	127	76	26	7					40.00-1	586	14151	15936	17219

DAYS DURATION OF EVENTS

7 — **53.4N 164.7E**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	4																0.25-4	4	4	5	17218
≥48	26	14	12	3	2												1.75-1	57	114	116	17218
≥41	50	37	23	20	12		2										3.25-2	144	368	374	17218
≥34	90	84	56	36	59	9	3	1									4.25-1	338	1056	1071	17218
≥28	111	89	90	73	130	28	11	4	4								6.25-1	540	2253	2301	17218
≥22	160	109	112	91	215	81	29	12	14	2							16.75-1	825	4345	4435	17218
≥17	160	126	105	104	309	126	64	20	38	3	1						21.25-1	1056	6996	7184	17218
≥11	142	81	78	91	269	177	99	61	98	23	1						24.00-1	1120	10940	11439	17218
≥7	66	55	45	41	171	125	63	65	145	63	7	1					44.25-1	847	13363	14441	17218
≥4	34	26	22	14	59	48	29	32	111	78	27	9					55.50-1	489	13952	16146	17218

DAYS DURATION OF EVENTS

8 — **52.0N 172.9E**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	13	4	1		1												1.25-1	19	29	29	17219
≥48	43	24	25	8	6												2.00-2	106	236	236	17219
≥41	95	65	40	21	27	3											2.75-1	251	617	626	17219
≥34	142	119	86	56	84	11	4										3.75-1	502	1535	1553	17219
≥28	190	157	120	101	161	46	13	6	3								5.50-1	797	3037	3076	17219
≥22	204	132	148	121	274	108	37	19	19								10.00-1	1062	5565	5701	17219
≥17	171	141	132	103	322	152	85	37	48	6							11.75-1	1197	8257	8532	17219
≥11	150	87	80	75	269	146	108	68	134	30							18.75-1	1147	12061	12666	17219
≥7	60	28	42	30	131	90	75	58	157	73	5	3					45.25-1	752	13880	15204	17219
≥4	31	13	5	11	41	29	27	25	100	70	24	16	2				65.75-1	394	13930	16468	17219

DAYS DURATION OF EVENTS

10 — **51.7N 135.6W**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	1	1															0.50-1	2	3	3	17219
≥48	36	22	10	4													1.00-4	72	126	126	17219
≥41	97	55	26	12	12	1											2.25-1	203	404	407	17219
≥34	139	108	82	56	53	6											3.00-1	444	1181	1190	17219
≥28	193	154	110	91	151	27	10										4.00-3	736	2509	2542	17219
≥22	199	184	138	117	270	74	45	16	7								7.75-1	1050	4988	5055	17219
≥17	198	144	126	75	304	142	71	30	65	1							10.50-1	1156	7870	8012	17219
≥11	137	85	87	63	239	142	108	64	120	31	3						24.50-1	1079	11924	12406	17219
≥7	68	41	26	42	111	88	63	50	166	65	16	3					46.75-1	739	14117	15037	17219
≥4	22	23	12	11	45	25	24	19	92	69	32	17	1				68.75-1	392	14534	16435	17219

DAYS DURATION OF EVENTS

11 — **51.3N 158.8W**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	4	2	1														0.75-1	7	11	11	17219
≥48	35	12	9	3	8												1.75-1	67	142	142	17219
≥41	99	52	31	19	19	1											2.25-1	221	489	491	17219
≥34	177	123	67	51	67	10	3										4.00-1	498	1364	1380	17219
≥28	255	170	124	90	188	32	13	3	2								6.50-1	877	3106	3151	17219
≥22	236	166	163	115	300	111	46	18	14								9.00-1	1188	5967	6119	17219
≥17	179	179	131	129	309	164	99	38	63	2							11.75-1	1293	9046	9353	17219
≥11	114	75	82	72	208	151	90	58	151	45	4						26.00-1	1050	12846	13491	17219
≥7	50	34	38	26	97	75	72	46	156	79	13	4					39.50-2	690	14337	15607	17219
≥4	21	7	8	10	29	25	27	18	69	61	33	24					59.00-1	332	13866	16677	17219

DAYS DURATION OF EVENTS

13 — **50.3N 171.3W**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	4																0.25-4	4	4	6	17218
≥48	38	20	11	5	3												1.50-2	77	148	154	17218
≥41	97	54	24	11	23	1											2.50-1	210	475	485	17218
≥34	176	115	74	40	59	11	1	1									5.00-1	477	1291	1319	17218
≥28	211	174	112	98	156	42	7	3	3								5.75-1	806	2888	2932	17218
≥22	204	211	148	100	286	108	35	16	13	1							12.00-1	1122	5527	5651	17218
≥17	218	163	137	153	318	181	64	37	46	6							15.25-1	1323	8531	8820	17218
≥11	141	80	72	81	239	183	100	72	126	34	1						20.75-1	1129	12389	13013	17218
≥7	59	36	35	35	116	92	69	68	152	75	11	2					35.00-1	750	14107	15365	17218
≥4	25	9	10	7	31	29	31	20	92	88	22	12	2				70.00-1	378	13586	16532	17218

DAYS DURATION OF EVENTS

14 — **49.3N 174.1E**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	10	2	1		2												1.25-2	15	27	27	17219
≥48	71	44	15	8	14												2.00-2	152	319	321	17219
≥41	110	79	42	26	31	3											3.00-1	291	713	726	17219
≥34	178	150	85	64	82	17	1	1									4.50-1	578	1677	1695	17219
≥28	236	148	158	116	182	52	7	4	3								6.25-1	906	3343	3395	17219
≥22	218	179	158	140	321	114	39	24	13								8.50-1	1206	6036	6149	17219
≥17	196	147	153	125	347	149	92	44	55	5							14.75-1	1313	8893	9117	17219
≥11	132	85	81	74	266	173	111	65	127	33							16.25-1	1157	12501	13187	17219
≥7	52	42	40	29	109	88	81	62	133	73	17	1					30.75-1	730	14123	15466	17219
≥4	20	9	11	11	34	33	31	22	61	71	28	19	2				68.75-1	356	13936	16637	17219

DAYS DURATION OF EVENTS

16 — **47.1N 161.2E**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	7	3	2														0.75-2	12	19	19	17217
≥48	58	38	16	5	2												1.50-1	119	213	213	17217
≥41	122	82	58	13	24	2											2.50-1	301	667	668	17217
≥34	168	135	108	66	88	11	1										3.25-1	577	1682	1692	17217
≥28	227	187	144	107	185	49	12										4.00-3	921	3301	3361	17217
≥22	220	191	173	138	298	125	47	14	7								10.00-1	1211	5890	5995	17217
≥17	214	164	159	137	351	175	87	42	42	2							10.75-1	1373	8692	8943	17217
≥11	141	93	101	83	271	184	115	65	133	25							17.75-1	1211	12333	12951	17217
≥7	68	35	37	28	141	93	82	66	146	78	4	4					45.00-1	782	13988	15332	17217
≥4	16	19	13	13	34	25	34	27	114	65	23	14	2				68.75-1	399	13685	16569	17217

DAYS DURATION OF EVENTS

17 — **45.8N 139.3E**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	2	1	1														0.75-1	4	7	7	17217
≥48	19	5	1	3	4												1.75-1	32	69	69	17217
≥41	38	24	18	8	9	4											2.75-1	101	266	266	17217
≥34	66	58	29	21	42	13	3										3.50-1	232	769	770	17217
≥28	167	83	67	42	87	24	13	2	1								5.75-1	486	1712	1754	17217
≥22	279	167	120	80	181	54	15	10	9	1							14.50-1	866	3601	3678	17217
≥17	256	165	150	118	253	111	46	21	25	5							15.00-1	1151	6132	6277	17217
≥11	204	145	126	122	291	158	106	53	76	18							15.50-2	1299	10183	10560	17217
≥7	145	92	80	62	224	145	105	70	126	37	3	2					45.00-1	1091	12639	13495	17217
≥4	127	71	57	38	135	113	81	60	128	62	11	2					45.00-1	879	13168	14269	17217

DAYS DURATION OF EVENTS

19 — **44.3N 177.7W**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	7	4		1													1.00-1	12	19	19	17219
≥48	78	29	16	6	12												2.00-1	141	277	283	17219
≥41	118	79	51	21	29	4											2.50-3	300	719	726	17219
≥34	215	120	97	56	99	15	2	4									5.00-1	608	1817	1832	17219
≥28	263	190	143	94	214	56	13	8	4								6.25-1	985	3708	3756	17219
≥22	263	193	167	137	308	127	43	26	17	1							12.50-1	1277	6474	6675	17219
≥17	200	161	142	125	338	170	88	43	59	9							13.00-1	1335	9311	9657	17219
≥11	118	93	76	72	206	164	98	72	147	39	2						28.00-1	1083	12730	13456	17219
≥7	38	48	30	30	115	86	69	57	144	73	17	3					45.00-1	710	14230	15533	17219
≥4	19	11	13	11	29	36	18	18	67	79	28	16	1				74.50-1	346	13577	16629	17219

DAYS DURATION OF EVENTS

20 — **44.2N 152.7W**

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	3	1															0.50-1	4	5	6	17218
≥48	42	20	6	4	2												1.25-2	74	126	130	17218
≥41	101	50	29	19	11	2											2.50-1	212	447	459	17218
≥34	187	109	74	57	74	12	1	1									4.50-1	515	1431	1451	17218
≥28	210	159	119	113	184	39	14	3	1								5.75-1	842	3142	3205	17218
≥22	249	175	122	101	205	111	55	17	18	2							13.00-1	1135	5922	6079	17218
≥17	186	148	107	103	258	134	93	34	81	9							15.00-1	1153	8798	9150	17218
≥11	119	59	76	54	183	111	79	70	132	54	3						25.50-1	940	12194	13134	17218
≥7	55	32	27	26	99	58	40	51	128	84	16	5					43.75-1	621	13614	15357	17218
≥4	19	8	25	10	34	18	22	25	52	71	23	22	4				67.50-1	333	13469	16497	17218

DAYS DURATION OF EVENTS

ANNUAL

2 59.4N 172.0W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	1	3															0.50-3	4	7	7	17217
≥48	18	12	11	5		1											3.00-1	47	107	111	17217
≥41	39	34	29	17	18				1								5.25-1	138	383	389	17217
≥34	101	75	44	33	63	16	1		1								8.25-1	334	1092	1103	17217
≥28	116	96	87	58	144	39	8	6	6								8.75-1	560	2430	2461	17217
≥22	132	90	90	89	226	94	33	15	20	2							10.25-2	791	4680	4754	17217
≥17	161	97	88	87	268	133	63	30	47	8							17.50-1	982	7170	7465	17217
≥11	94	68	62	62	220	173	99	66	92	33	2						22.50-1	971	11062	11856	17217
≥7	71	34	29	24	119	116	76	61	135	70	10	2					42.25-1	747	13380	14750	17217
≥4	40	12	17	7	37	37	33	20	98	72	23	14	1				66.00-1	411	13427	16280	17217

DAYS DURATION OF EVENTS

3 58.5N 151.6W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	2	1															0.50-1	3	4	4	17219
≥48	11	7	5		1												1.25-1	24	45	45	17219
≥41	36	23	10	4	9												2.00-2	82	179	179	17219
≥34	88	58	49	26	30	4											3.00-1	255	664	664	17219
≥28	125	96	96	49	99	19	5	2	1								5.25-1	492	1712	1724	17219
≥22	176	115	143	108	203	60	18	8	9								7.50-1	840	3765	3810	17219
≥17	169	138	121	125	291	108	51	24	27	2							14.75-1	1056	6246	6405	17219
≥11	162	115	110	81	321	156	77	48	91	19	2						21.75-1	1182	10217	10587	17219
≥7	112	67	67	58	197	138	96	76	139	45	5						30.00-1	1000	12998	13789	17219
≥4	64	29	34	26	96	67	60	48	142	70	16	5	1				66.75-1	658	13920	15662	17219

DAYS DURATION OF EVENTS

5 56.8N 141.9W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17219
≥48	13	8	6														0.75-6	27	47	47	17219
≥41	44	30	15	12	5												2.00-1	106	227	227	17219
≥34	80	74	40	28	40	5											2.50-2	267	739	741	17219
≥28	130	95	66	55	107	22	7										3.50-3	482	1698	1720	17219
≥22	172	134	113	72	215	67	16	3	10								7.50-1	802	3607	3664	17219
≥17	190	157	114	103	262	129	48	19	31								10.00-1	1053	6080	6208	17219
≥11	157	106	116	101	291	189	81	50	92	10							18.75-1	1193	10139	10522	17219
≥7	105	59	76	60	149	160	93	64	151	49	3						22.75-2	969	12939	13868	17219
≥4	38	45	19	28	73	67	41	39	127	76	26	7					40.00-1	586	14151	15936	17219

DAYS DURATION OF EVENTS

6 54.9N 167.1W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	2																0.25-2	2	2	2	17217
≥48	25	16	5	2													1.00-2	48	80	86	17217
≥41	53	43	21	8	8												2.00-1	133	280	288	17217
≥34	122	73	64	33	47	4	1	1									5.00-1	345	943	956	17217
≥28	183	110	111	71	124	29	5	1	2								5.50-2	636	2198	2230	17217
≥22	242	150	160	97	251	90	35	9	6								8.25-1	1040	4686	4779	17217
≥17	227	125	140	132	331	161	81	33	31	1							11.00-1	1262	7813	8002	17217
≥11	127	78	78	73	300	171	114	76	121	24	1						23.75-1	1163	12024	12479	17217
≥7	58	37	30	31	121	107	96	64	151	69	10	2					31.00-1	776	14031	15088	17217
≥4	23	7	14	11	32	25	25	27	99	74	31	12	3				72.75-1	383	14341	16463	17217

DAYS DURATION OF EVENTS

8 52.0N 172.9E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	13	4	1		1												1.25-1	19	29	29	17219
≥48	43	24	25	8	6												2.00-2	106	236	236	17219
≥41	95	65	40	21	27	3											2.75-1	251	617	626	17219
≥34	142	119	86	56	84	11	4										3.75-1	502	1535	1553	17219
≥28	190	157	120	101	161	46	13	6	3								5.50-1	797	3037	3076	17219
≥22	204	132	148	121	274	108	37	19	19								10.00-1	1062	5565	5701	17219
≥17	171	141	132	103	322	152	85	37	48	6							11.75-1	1197	8257	8532	17219
≥11	150	87	80	75	269	146	108	68	134	30							18.75-1	1147	12061	12666	17219
≥7	60	28	42	30	131	90	75	58	151	73	5	3					45.25-1	752	13880	15204	17219
≥4	31	13	5	11	41	29	27	25	100	70	24	16	2				65.75-1	394	13930	16468	17219

DAYS DURATION OF EVENTS

9 51.7N 158.8E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	6	1	1														0.75-1	8	11	11	17218
≥48	34	17	8	6	1												1.25-1	66	121	122	17218
≥41	54	48	26	21	14												2.00-1	163	392	396	17218
≥34	92	83	64	47	48	6	1										3.25-1	341	992	1002	17218
≥28	128	115	107	85	129	27	8	1									4.50-1	600	2188	2213	17218
≥22	156	138	140	84	262	62	25	16	8								9.00-1	891	4276	4342	17218
≥17	170	148	122	117	316	135	62	28	34	3							14.75-1	1135	7085	7215	17218
≥11	115	73	87	89	284	172	103	65	110	20	1						23.50-1	1119	11240	11626	17218
≥7	69	44	44	31	158	113	95	62	164	51	10	1					33.25-1	842	13395	14515	17218
≥4	49	22	16	22	59	48	39	38	97	69	28	12					58.00-1	499	13574	16109	17218

DAYS DURATION OF EVENTS

11 51.3N 158.8W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	4	2	1														0.75-1	7	11	11	17219
≥48	35	12	9	3	8												1.75-1	67	142	142	17219
≥41	99	52	31	19	19	1											2.25-1	221	489	491	17219
≥34	171	123	67	51	67	13	3										4.00-1	498	1364	1380	17219
≥28	255	170	124	90	188	37	13	3	2								6.50-1	877	3106	3151	17219
≥22	236	166	163	135	300	111	46	18	13								9.00-1	1188	5967	6119	17219
≥17	179	179	131	129	309	164	99	38	63	2							11.75-1	1293	9046	9353	17219
≥11	114	75	82	72	208	151	90	58	151	45	4						26.00-1	1050	12846	13491	17219
≥7	50	34	38	26	97	75	72	46	156	79	13	4					39.50-2	690	14337	15607	17219
≥4	21	7	8	10	29	25	27	18	69	61	33	24					59.00-1	332	13866	16677	17219

DAYS DURATION OF EVENTS

12 50.9N 145.6W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	1	1															0.50-1	2	3	3	17219
≥48	34	18	9	4													1.00-4	65	113	113	17219
≥41	89	58	35	16	16												1.75-1	214	459	467	17219
≥34	155	115	85	45	73	12	2										3.75-1	487	1387	1408	17219
≥28	221	160	118	84	181	56	10	6									5.00-1	836	3156	3190	17219
≥22	226	132	140	113	279	109	58	35	15								8.75-1	1105	6054	6149	17219
≥17	197	135	134	92	275	159	81	52	77	8							14.00-1	1210	9193	9511	17219
≥11	93	47	50	52	178	109	94	60	134	57	5						24.00-1	879	12596	13646	17219
≥7	52	31	32	18	72	59	32	42	117	77	28	6					42.25-1	566	13627	15703	17219
≥4	16	16	8	11	20	20	17	10	59	50	27	23	6				87.00-1	283	13457	16651	17219

DAYS DURATION OF EVENTS

14 49.3N 174.1E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	10	2	1		2												1.25-2	15	27	27	17219
≥48	71	44	15	8	14												2.00-2	152	319	321	17219
≥41	110	79	42	26	31	3											3.00-1	291	713	726	17219
≥34	178	150	85	64	82	17	1	1									4.50-1	578	1677	1695	17219
≥28	236	148	158	116	182	52	7	4	3								6.25-1	906	3343	3395	17219
≥22	218	179	158	140	321	114	39	24	13								8.50-1	1206	6036	6149	17219
≥17	196	147	153	125	347	149	92	44	55	5							14.75-1	1313	8893	9117	17219
≥11	132	85	81	74	266	173	111	65	137	33							16.25-1	1157	12501	13187	17219
≥7	52	42	40	29	109	88	81	62	130	79	17	1					30.75-1	730	14123	15466	17219
≥4	20	9	11	11	34	33	31	22	61	75	28	19	2				68.75-1	356	13936	16637	17219

DAYS DURATION OF EVENTS

15 49.0N 128.4W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	1																0.25-1	1	1	1	17219
≥48	30	11	4														0.75-4	45	64	64	17219
≥41	65	33	15	7	6	1											2.25-1	127	250	250	17219
≥34	95	79	49	22	34	7											3.00-2	286	757	758	17219
≥28	127	114	71	60	92	18	2	1									4.50-1	485	1582	1604	17219
≥22	201	142	98	87	190	52	21	5	4								7.00-1	800	3327	3383	17219
≥17	223	165	114	113	232	117	44	22	24	2							11.00-1	1056	5754	5896	17219
≥11	196	163	111	70	266	161	103	52	89	18							16.00-1	1229	10280	10641	17219
≥7	126	99	64	59	147	115	84	53	136	70	3	2					36.25-1	958	13386	14162	17219
≥4	42	41	18	21	68	48	49	25	89	81	28	12	1				69.50-1	523	14287	16133	17219

DAYS DURATION OF EVENTS

17 45.8N 139.3E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	2	1	1														0.75-1	4	7	7	17217
≥48	19	5	1	3	4												1.75-1	32	69	69	17217
≥41	38	24	18	8	9	4											2.75-1	101	266	266	17217
≥34	66	58	29	21	42	13	3										3.50-1	232	769	770	17217
≥28	167	83	67	42	87	24	13	2	1								5.75-1	486	1712	1754	17217
≥22	229	167	120	80	181	54	15	10	9	1							14.50-1	866	3601	3678	17217
≥17	256	165	150	119	253	111	46	21	25	5							15.00-1	1151	6132	6277	17217
≥11	204	145	126	122	291	158	108	53	76	18							15.50-2	1299	10183	10560	17217
≥7	145	92	80	62	224	145	105	70	126	37	3	2					45.00-1	1091	12639	13495	17217
≥4	121	71	57	38	135	113	81	60	128	62	11	2					45.00-1	879	13168	14269	17217

DAYS DURATION OF EVENTS

18 45.6N 144.2W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	2	1															0.50-1	3	4	5	17218
≥48	26	13	6	1	3												1.75-1	49	92	95	17218
≥41	83	42	36	12	7	1											2.75-1	181	373	377	17218
≥34	142	99	73	43	68	10											3.00-1	435	1228	1245	17218
≥28	197	135	111	97	156	41	14	4		1							10.50-1	756	2858	2898	17218
≥22	188	133	125	97	283	105	58	19	14	1							12.50-1	1023	5632	5754	17218
≥17	169	86	97	71	270	129	81	50	80	9							16.25-1	1042	8638	8928	17218
≥11	107	57	64	45	177	104	88	56	136	50	6						29.00-1	890	12278	13148	17218
≥7	55	18	25	14	76	65	44	43	117	77	22	9					49.50-1	565	13806	15421	17218
≥4	22	14	8	9	22	23	22	27	55	67	24	21	2	2			108.50-1	318	13719	16562	17218

DAYS DURATION OF EVENTS

20 44.2N 152.7W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	3	1															0.50-1	4	5	6	17218
≥48	42	20	6	4	2												1.25-2	74	126	130	17218
≥41	101	50	29	19	11	2											2.50-1	212	447	459	17218
≥34	187	109	74	57	74	12	1	1									4.50-1	515	1431	1451	17218
≥28	210	159	119	113	184	39	14	3	1								5.75-1	842	3142	3205	17218
≥22	249	175	122	101	285	111	55	17	18	2							13.00-1	1135	5922	6079	17218
≥17	186	140	107	103	258	134	93	34	81	9							15.00-1	1153	8798	9150	17218
≥11	119	59	76	54	183	111	79	70	132	54	3						25.50-1	940	12194	13134	17218
≥7	55	32	27	26	99	58	40	51	128	84	16	5					43.75-1	621	13614	15357	17218
≥4	19	8	25	10	34	18	22	25	52	71	23	22	4				67.50-1	333	13469	16497	17218

DAYS DURATION OF EVENTS

21 43.7N 128.7W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	2																0.25-2	2	2	2	17219
≥48	27	12	6		2												1.50-1	47	80	80	17219
≥41	62	28	23	6	7												2.00-2	126	255	255	17219
≥34	85	47	51	20	36	4	1	1									4.25-1	245	681	682	17219
≥28	128	96	71	48	81	21	3	2	1								5.75-1	451	1525	1545	17219
≥22	183	118	110	60	179	74	23	8	4								9.25-1	759	3442	3518	17219
≥17	242	138	130	88	199	124	60	30	24	4							11.00-1	1035	5969	6185	17219
≥11	206	118	96	78	238	144	88	51	109	24	1						22.00-1	1151	10453	10988	17219
≥7	131	58	51	45	143	104	73	62	145	60	9	2					35.00-1	883	13248	14367	17219
≥4	55	22	20	14	52	56	37	38	97	73	30	10					54.25-1	502	13809	16133	17219

DAYS DURATION OF EVENTS

2

22 42.8N 167.5W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17219
≥48	30	16	10	2	1												1.25 - 1	59	105	106	17219
≥41	71	39	19	18	12												1.75 - 1	159	345	358	17219
≥34	153	116	78	46	50	5	1										4.00 - 1	449	1170	1202	17219
≥28	218	158	122	97	149	29	12	2	4								6.00 - 1	791	2777	2834	17219
≥22	254	185	154	126	282	93	36	18	17	2							10.50 - 1	1167	5622	5753	17219
≥17	191	162	147	81	346	152	80	42	51	8							15.75 - 1	1260	8741	9094	17219
≥11	125	73	73	73	210	153	94	73	110	46	2	1					41.00 - 1	1041	12398	13235	17219
≥7	51	35	25	29	105	85	70	52	132	81	14	4					41.25 - 1	683	14126	15428	17219
≥4	23	12	14	9	29	31	25	19	85	72	25	16	3				69.25 - 1	363	13877	16535	17219

DAYS DURATION OF EVENTS

23 42.4N 172.1E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	8	2	3														0.75 - 3	13	21	23	17218
≥48	55	36	13	4	6												1.75 - 1	114	215	228	17218
≥41	115	80	34	15	13	4	1										4.00 - 1	262	571	588	17218
≥34	194	112	85	65	72	10	1	1									4.25 - 1	540	1497	1533	1[illegible]18
≥28	252	179	144	102	156	38	10	3	4								6.25 - 2	888	3067	3122	17218
≥22	268	206	183	145	286	93	41	13	10								9.25 - 1	1245	5629	5794	17218
≥17	221	180	165	130	370	149	73	38	44	2							11.00 - 1	1372	8406	8740	17218
≥11	135	104	123	92	292	171	114	56	122	28							15.75 - 1	1237	12107	12786	17218
≥7	70	49	39	55	150	123	76	63	151	60	11	3					52.00 - 1	850	14065	15247	17218
≥4	28	18	9	16	47	34	37	21	83	74	24	17	2				74.75 - 1	410	14050	16528	17218

DAYS DURATION OF EVENTS

25 40.2N 131.2E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17218
≥48	4	1															0.50 - 1	5	6	6	17218
≥41	4	5	5		1												1.75 - 1	15	36	36	17218
≥34	34	19	13	4	6	1											2.25 - 1	77	172	172	17218
≥28	93	55	26	22	30	5	1										3.50 - 1	232	608	610	17218
≥22	163	119	80	40	84	20	4	6	2								6.00 - 1	518	1726	1736	17218
≥17	223	168	110	85	164	60	19	9	7								9.50 - 1	845	3442	3486	17218
≥11	278	199	175	116	289	131	61	36	30	4							13.00 - 1	1318	7289	7483	17218
≥7	265	167	138	114	316	174	95	59	82	15	1						27.25 - 1	1426	10890	11257	17218
≥4	195	151	90	78	196	129	81	69	113	45	3	2					37.00 - 1	1152	12168	12822	17218

DAYS DURATION OF EVENTS

26 39.5N 153.8E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	1		1														0.75 - 1	2	4	4	17220
≥48	37	10	2	1		1											2.25 - 1	51	76	79	17220
≥41	49	41	13	7	4	1											2.50 - 1	115	229	234	17220
≥34	127	91	47	20	28	2											3.00 - 1	315	709	715	17220
≥28	195	149	116	68	85	13											3.00 - 2	626	1734	1758	17220
≥22	283	203	188	112	210	49	11	2	1								7.00 - 1	1059	3675	3747	17220
≥17	283	260	204	167	348	122	46	11	3								7.50 - 1	1444	6390	6524	17220
≥11	208	151	164	145	399	208	116	66	59	3							15.00 - 1	1519	10838	11136	17220
≥7	117	80	72	71	242	171	130	85	141	39	3						24.00 - 1	1151	13596	14291	17220
≥4	42	30	25	20	92	59	65	42	119	97	16	6	1				77.25 - 1	614	14450	16185	17220

DAYS DURATION OF EVENTS

28 36.1N 123.8W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17219
≥48	2																0.25 - 2	2	2	2	17219
≥41	9	3	2	1													1.00 - 1	15	25	25	17219
≥34	39	29	8	2	4												1.50 - 2	82	151	151	17219
≥28	132	59	40	24	35	5											2.75 - 1	295	713	715	17219
≥22	283	177	107	44	133	55	16	3	1								5.50 - 1	819	2799	2819	17219
≥17	357	204	128	70	230	106	50	27	32	4							15.75 - 1	1208	6206	6308	17219
≥11	291	130	107	50	209	132	78	47	111	26	5	2					31.50 - 1	1188	11064	11700	17219
≥7	150	72	48	35	119	86	57	45	103	54	14	12					56.75 - 1	795	12976	14825	17219
≥4	73	38	39	9	38	34	32	25	63	67	25	18	1	1			113.75 - 1	463	13545	16348	17219

DAYS DURATION OF EVENTS

29 35.9N 171.0W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	2	1															0.50 - 1	3	4	4	17220
≥48	22	5	4	2	1												1.25 - 1	34	57	57	17220
≥41	50	19	10	9	5												1.75 - 1	93	182	186	17220
≥34	102	64	46	16	17	5											3.00 - 2	250	581	588	17220
≥28	158	97	70	67	84	11	3	1	1								5.75 - 1	492	1521	1538	17220
≥22	233	132	116	88	151	54	17	8	9								10.00 - 1	808	3294	3354	17220
≥17	267	151	120	103	252	103	39	22	27	3							18.00 - 1	1087	5787	5949	17220
≥11	216	137	116	96	302	145	72	48	87	18	1						24.00 - 1	1238	9891	10601	17220
≥7	154	74	79	45	175	137	100	60	129	45	7	1					40.25 - 1	1006	12751	14084	17220
≥4	60	33	23	31	69	59	41	27	119	74	26	6					56.00 - 1	568	13676	16022	17220

DAYS DURATION OF EVENTS

31 35.6N '55.2W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17218
≥48	14	3	1														0.75 - 1	18	23	23	17218
≥41	51	21	10	2	2												1.75 - 1	86	144	144	17218
≥34	88	50	33	14	17	4	1										3.25 - 1	207	503	508	17218
≥28	122	102	69	37	61	13	4	2									5.00 - 1	419	1312	1327	17218
≥22	162	107	115	70	143	40	21	10	6								8.25 - 1	674	2944	2998	17218
≥17	223	119	102	92	216	80	43	25	22	2	1						25.00 - 1	925	5163	5362	17218
≥11	245	128	102	86	269	129	64	52	71	23		1					33.00 - 1	1170	9356	9850	17218
≥7	170	69	64	65	199	107	90	51	132	46	6	2					33.75 - 1	1001	12374	13520	17218
≥4	79	33	23	32	90	57	43	38	127	82	18	7					40 50 - 1	629	13659	15628	17218

DAYS DURATION OF EVENTS

32 35.4N 142.0W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17219
≥48	3	3	1														0.75 - 1	7	12	12	17219
≥41	23	11	4	1	1												1.25 - 1	40	66	66	17219
≥34	56	33	17	14	15												1.75 - 3	135	314	314	17219
≥28	95	57	45	31	45	14	2	1									5.00 - 1	290	930	931	17219
≥22	139	93	66	47	112	36	15	5	6	1							11.00 - 1	520	2271	2290	17219
≥17	175	108	100	85	150	76	33	15	22	3							13.50 - 1	767	4238	4326	17219
≥11	218	104	77	68	237	128	64	45	75	12	3						30.00 - 1	1031	8449	8778	17219
≥7	216	76	63	48	156	118	78	58	120	52	4	2					34.00 - 1	991	11752	12714	17219
≥4	98	49	43	24	76	63	54	43	111	73	20	8					41.25 - 1	662	13528	15324	17219

DAYS DURATION OF EVENTS

34 34.2N 155.1E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17220
≥48	5		1														0.75 - 1	6	8	8	17220
≥41	17	4	3														0.75 - 3	24	34	34	17220
≥34	72	28	9	6	6												'.75 - 2	121	214	219	17220
≥28	142	86	32	22	35	3											3.00 - 1	320	728	743	17220
≥22	248	163	116	61	113	19	5	2									4.50 - 1	727	2142	2181	17220
≥17	301	193	169	142	251	77	24	6	5								6.50 - 1	1168	4620	4721	17220
≥11	264	173	137	121	390	190	96	44	39	3							12.50 - 2	1457	9311	9549	17220
≥7	143	90	86	62	291	190	133	81	123	27	1						24.25 - 1	1227	12800	13515	17220
≥4	56	46	34	30	94	90	62	53	158	84	12	2					36.50 - 1	721	14300	15772	17220

DAYS DURATION OF EVENTS

35 34.2N 163.8E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17220
≥48	7	1		2													1.00 - 2	10	17	17	17220
≥41	22	4	3	2	1												1.50 - 1	32	53	53	17220
≥34	78	34	19	8	10												2.00 - 1	149	294	296	17220
≥28	164	92	47	38	35	8											3.00 - 2	384	937	945	17220
≥22	269	188	115	104	113	38	6	1	1								5.75 - 1	835	2604	2661	17220
≥17	263	189	181	138	284	81	33	17	7								8.50 - 1	1193	5283	5395	17220
≥11	219	140	139	112	365	195	97	53	54	8	1						22.00 - 1	1383	9927	10255	17220
≥7	138	67	76	45	210	179	115	75	141	43	1	1					34.00 - 1	1091	13251	13947	17220
≥4	61	26	29	23	76	74	65	45	139	82	13	6					56.75 - 1	639	13996	15984	17220

DAYS DURATION OF EVENTS

37 32.9N 119.4W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17217
≥48																	0.00 - 0				17217
≥41																	0.00 - 0				17217
≥34	2		1														0.75 - 1	3	5	5	17217
≥28	67	28	7	3	1												1.25 - 1	106	161	161	17217
≥22	228	112	45	21	50	10											2.75 - 3	466	1078	1081	17217
≥17	414	221	109	54	131	47	17	9	9								9.50 - 1	1011	3350	3396	17217
≥11	478	252	177	52	229	138	76	41	68	15	2						23.00 - 1	1524	9260	9568	17217
≥7	271	111	100	28	147	88	75	47	122	43	13	5	1				69.50 - 1	1046	12901	14103	17217
≥4	154	76	48	22	69	55	33	30	100	57	16	12	2	1			96.00 - 1	675	13096	15680	17217

DAYS DURATION OF EVENTS

38 31.5N 127.7W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17219
≥48	1																0.25 - 1	1	1	1	17219
≥41	3	2															0.50 - 2	5	7	7	17219
≥34	14	7	3														0.75 - 3	24	37	37	17219
≥28	40	23	16	8	6												1.75 - 3	93	203	205	17219
≥22	145	45	42	28	55	11	3										3.75 - 1	329	950	953	17219
≥17	293	126	95	66	146	47	26	6	5	1							10.50 - 1	811	3105	3130	17219
≥11	299	140	98	66	221	135	77	44	77	12	1						27.00 - 1	1170	8598	8894	17219
≥7	243	92	75	45	137	99	75	56	114	53	12	3					34.25 - 1	1004	12572	13279	17219
≥4	112	51	22	24	71	60	43	30	94	82	19	10	1				83.75 - 1	619	13874	15733	17219

DAYS DURATION OF EVENTS

40 29.6N 165.0W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17219
≥48	3	1															0.50 - 1	4	5	5	17219
≥41	12	5		1	1												1.25 - 1	19	31	31	17219
≥34	31	12	5	5	4												2.00 - 1	57	114	118	17219
≥28	63	32	21	15	22	4											2.75 - 1	157	416	424	17219
≥22	151	81	52	41	79	16	8		1								6.50 - 1	479	1426	1443	17219
≥17	249	97	97	53	135	67	25	11	10	3							13.75 - 1	747	3408	3451	17219
≥11	385	122	103	87	244	120	73	34	62	20							18.50 - 1	1210	8456	8722	17219
≥7	216	89	69	58	180	116	73	58	120	48	8	1					39.75 - 1	1036	12246	13326	17219
≥4	81	37	28	21	73	69	39	25	107	74	23	12					47.25 - 1	587	13728	15842	17219

DAYS DURATION OF EVENTS

41 29.4N 134.9E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17220
≥48	2			1													1.00 - 1	3	6	6	17220
≥41	6				2												1.50 - 1	8	17	17	17220
≥34	25	2			3												1.75 - 1	30	47	47	17220
≥28	55	27	12	6	6	1		1									4.50 - 1	108	233	233	17220
≥22	127	75	55	31	35	8	4	1	1								5.25 - 1	337	953	957	17220
≥17	244	170	108	71	122	39	15	7	4								7.50 - 1	780	2759	2782	17220
≥11	334	162	131	90	326	138	70	36	41	4							13.50 - 1	1330	7745	7884	17220
≥7	279	127	97	80	252	158	113	61	125	28							19.50 - 1	1265	12066	12399	17220
≥4	98	56	34	24	102	90	65	58	157	68	11	4					43.00 - 1	767	14092	15363	17220

DAYS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

.5W T*	TH
	17219
106	17219
358	17219
1202	17219
2834	17219
5753	17219
9094	17219
13235	17219
15428	17219
16535	17219

23 42.4N 172.1E

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	8	2	3														0.75-3	13	21	23	17218
≥48	55	36	13	4	6												1.75-1	114	215	228	17218
≥41	115	80	34	15	13	4	1										4.00-1	262	571	588	17218
≥34	194	112	85	65	72	10	1	1									4.25-1	540	1497	1533	17218
≥28	252	179	144	102	156	38	10	3	4								6.25-2	888	3067	3122	17218
≥22	268	206	183	145	286	93	41	13	10								9.25-1	1245	5629	5794	17218
≥17	221	180	165	130	370	149	73	38	44	2							11.00-1	1372	8406	8740	17218
≥11	135	104	123	92	292	171	114	56	122	28							15.75-1	1237	12107	12786	17218
≥7	70	49	39	55	150	123	76	63	151	60	11	3					52.00-1	850	14065	15247	17218
≥4	28	18	9	16	47	34	37	21	83	74	24	17	2				74.75-1	410	14050	16528	17218

DAYS DURATION OF EVENTS

24 41.0N 134.9W

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	1																0.25-1	1	1	1	17219
≥48	14	3	4														0.75-4	21	32	32	17219
≥41	45	28	11	5	3												2.00-1	92	172	172	17219
≥34	80	59	37	21	28	3											2.50-3	228	583	583	17219
≥28	143	98	71	43	84	19	3	2									4.50-1	463	1496	1506	17219
≥22	161	124	119	76	169	67	20	9	5								9.00-1	750	3383	3429	17219
≥17	178	127	121	98	232	93	41	36	34	1							13.50-1	961	5876	6007	17219
≥11	197	98	87	68	205	124	83	50	100	33							20.00-1	1045	10082	10602	17219
≥7	114	37	47	48	144	87	70	62	134	58	7	6					42.00-1	814	13088	14095	17219
≥4	79	22	20	13	58	47	26	41	100	75	23	13	2				65.00-1	519	14131	16015	17219

DAYS DURATION OF EVENTS

.2E T*	TH
	17218
6	17218
36	17218
172	17218
610	17218
1736	17218
3486	17218
7483	17218
11257	17218
12822	17218

26 39.5N 153.8E

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	1		1														0.75-1	2	4	4	17220
≥48	37	10	2	1		1											2.25-1	51	76	79	17220
≥41	49	41	13	7	4	1											2.50-1	115	229	234	17220
≥34	127	91	47	20	28	2											3.00-1	315	709	715	17220
≥28	195	149	116	68	85	13											3.00-2	626	1734	1758	17220
≥22	283	203	188	112	210	49	11	2	1								7.00-1	1059	3675	3747	17220
≥17	283	260	204	167	348	122	46	11	3								7.50-1	1444	6390	6524	17220
≥11	208	151	164	145	399	208	116	66	59	3							15.00-1	1519	10838	11136	17220
≥7	117	80	72	71	242	171	130	85	141	39	3						24.00-1	1151	13596	14291	17220
≥4	42	30	25	20	92	59	65	42	119	97	16	6	1				77.25-1	614	14450	16185	17220

DAYS DURATION OF EVENTS

27 36.2N 127.4W

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17219
≥48	1	1															0.50-1	2	3	3	17219
≥41	6	8	2	2													1.00-2	18	36	36	17219
≥34	29	19	7	8	4	3											2.75-1	70	174	177	17219
≥28	87	47	32	26	27	10											3.00-1	229	641	650	17219
≥22	181	92	66	61	116	32	22	4	2								7.50-1	576	2280	2329	17219
≥17	231	130	98	77	204	107	44	31	27	3							15.25-1	952	5476	5579	17219
≥11	195	103	84	62	184	128	86	51	104	34	3	1					31.25-1	1035	10656	11110	17219
≥7	118	48	48	28	104	80	46	43	116	57	23	5					39.50-1	716	13009	14494	17219
≥4	63	28	20	14	41	34	30	15	69	72	19	21	3				84.25-1	429	13716	16178	17219

DAYS DURATION OF EVENTS

.8W T*	TH
	17219
2	17219
25	17219
151	17219
715	17219
2819	17219
6308	17219
11700	17219
14825	17219
16348	17219

29 35.9N 171.0W

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	2	1															0.50-1	3	4	4	17220
≥48	22	5	4	2	1												1.25-1	34	57	57	17220
≥41	50	19	10	9	5												1.75-1	93	182	186	17220
≥34	102	64	46	16	17	5											3.00-2	250	581	588	17220
≥28	158	97	70	67	84	11	3	1	1								5.75-1	492	1521	1538	17220
≥22	233	132	116	88	151	54	17	8	9								10.00-1	808	3294	3354	17220
≥17	267	151	120	103	252	103	39	22	27	3							18.00-1	1087	5787	5949	17220
≥11	216	137	116	96	302	145	72	48	87	18	1						24.00-1	1238	9891	10601	17220
≥7	154	74	79	45	175	137	100	60	129	45	7	1					40.25-1	1006	12751	14084	17220
≥4	60	33	23	31	69	59	41	27	119	74	26	6					56.00-1	568	13676	16022	17220

DAYS DURATION OF EVENTS

30 35.7N 176.1E

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	1																0.25-1	1	1	1	17220
≥48	11	8	1	1													1.00-1	21	34	34	17220
≥41	51	12	9	3	4												1.25-4	79	134	134	17220
≥34	108	60	38	10	20												1.75-2	236	490	492	17220
≥28	182	115	76	47	66	9	2										4.00-1	497	1347	1355	17220
≥22	243	156	126	95	181	43	12	7	2								5.50-1	865	3189	3251	17220
≥17	280	148	142	128	243	121	41	17	19	1							13.75-1	1140	5725	5855	17220
≥11	212	134	120	116	334	181	90	38	68	12	2						24.00-1	1307	10033	10667	17220
≥7	142	58	60	62	212	168	107	83	108	43	5	1					35.75-1	1049	12903	14053	17220
≥4	59	37	28	23	86	70	47	53	118	73	21	6	1				77.00-1	622	13765	15989	17220

DAYS DURATION OF EVENTS

.2W T*	TH
	17218
23	17218
144	17218
508	17218
1327	17218
2998	17218
5362	17218
9850	17218
13520	17218
15628	17218

32 35.4N 142.0W

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17219
≥48	3	3	1														0.75-1	7	12	12	17219
≥41	23	11	4	1	1												1.25-1	40	66	66	17219
≥34	56	33	17	14	15												1.75-3	135	314	314	17219
≥28	95	57	45	31	45	14	2	1									5.00-1	290	930	931	17219
≥22	139	93	65	47	112	36	15	5	6	1							11.00-1	520	2271	2290	17219
≥17	175	108	100	85	150	76	33	15	22	3							13.50-1	767	4238	4326	17219
≥11	218	104	77	68	237	128	64	45	75	12	3						30.00-1	1031	8449	8778	17219
≥7	216	76	63	48	156	118	78	58	120	52	4	2					34.00-1	991	11752	12714	17219
≥4	98	49	43	24	76	63	54	43	111	73	20	8					41.25-1	662	13528	15324	17219

DAYS DURATION OF EVENTS

33 34.6N 145.9E

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17220
≥48	6	1															0.50-1	7	8	8	17220
≥41	16	5	1	1													1.00-1	23	33	33	17220
≥34	45	20	12	1	3	1											2.50-1	82	150	151	17220
≥28	131	72	34	14	18		1										3.50-1	270	550	552	17220
≥22	229	149	127	64	79	16	3										3.75-1	667	1828	1843	17220
≥17	293	223	186	136	226	60	13	4	2								8.50-1	1143	4140	4181	17220
≥11	262	180	195	174	383	184	65	42	37	2							11.75-1	1524	8933	9111	17220
≥7	167	107	99	108	327	186	104	67	140	16	1						26.50-1	1322	12618	13228	17220
≥4	75	46	33	44	123	98	73	56	155	74	9	3					40.00-1	789	14282	15645	17220

DAYS DURATION OF EVENTS

.1E T*	TH
	17220
8	17220
34	17220
219	17220
743	17220
2181	17220
4721	17220
9549	17220
13515	17220
15772	17220

35 34.2N 163.8E

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17220
≥48	7	1		2													1.00-2	10	17	17	17220
≥41	22	4	3	2	1												1.50-1	32	53	53	17220
≥34	78	34	19	8	10												2.00-1	149	294	296	17220
≥28	164	92	47	38	35	8											3.00-2	384	937	945	17220
≥22	269	188	115	104	113	38	6	1	1								5.75-1	835	2604	2661	17220
≥17	263	189	181	138	284	81	33	17	7								8.50-1	1193	5283	5395	17220
≥11	219	140	139	112	365	195	97	53	54	8	1						22.00-1	1383	9927	10255	17220
≥7	138	67	76	45	210	179	115	75	141	43	1	1					34.00-1	1091	13251	13947	17220
≥4	61	26	29	23	76	74	65	45	139	82	13	6					56.75-1	639	13996	15984	17220

DAYS DURATION OF EVENTS

36 33.7N 123.9E

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17218
≥48	2																0.25-2	2	2	2	17218
≥41	8	6															0.50-6	14	20	20	17218
≥34	42	16	13	8	3												1.25-3	82	160	160	17218
≥28	84	38	26	21	34	3	1										3.25-1	207	556	556	17218
≥22	145	86	73	46	97	20	3	2	2								7.50-1	474	1648	1656	17218
≥17	212	126	118	105	177	71	14	9	9	1							11.25-1	842	3722	3767	17218
≥11	235	137	146	108	306	140	78	43	42	9							14.75-2	1244	8263	8457	17218
≥7	196	93	90	59	233	165	96	66	107	35	1	1					37.00-1	1142	11799	12491	17218
≥4	135	71	57	40	130	104	72	54	136	52	12	4					47.00-1	867	12933	14220	17218

DAYS DURATION OF EVENTS

4W T*	TH
	17217
	17217
	17217
5	17217
161	17217
1081	17217
3396	17217
9568	17217
14103	17217
15680	17217

38 31.5N 127.7W

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17219
≥48	1																0.25-1	1	1	1	17219
≥41	3	2															0.50-2	5	7	7	17219
≥34	14	7	3														0.75-3	24	37	37	17219
≥28	40	23	16	8	6												1.75-3	93	203	205	17219
≥22	145	45	42	28	55	11	3										3.75-1	329	950	953	17219
≥17	203	128	95	66	146	47	26	6	5	1							10.50-1	811	3105	3130	17219
≥11	299	140	98	66	221	135	77	44	77	12	1						27.00-1	1170	8598	8894	17219
≥7	243	92	75	45	137	99	75	56	114	53	12	3					34.25-1	1004	12572	13279	17219
≥4	112	51	22	24	71	60	43	30	94	82	19	10	1				83.75-1	619	13874	15733	17219

DAYS DURATION OF EVENTS

39 29.9N 177.3W

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17220
≥48	1	1															0.50-1	2	3	3	17220
≥41	7	2	2	1													1.00-1	12	21	21	17220
≥34	35	10	9	2	8												2.00-1	64	135	135	17220
≥28	76	32	22	15	25	2	2	1									4.25-1	175	477	477	17220
≥22	140	74	65	49	63	20	7	5	1								5.25-1	424	1470	1487	17220
≥17	219	119	86	75	149	54	20	7	18	1							11.75-1	748	3411	3463	17220
≥11	335	135	119	106	263	130	58	46	55	11							18.25-1	1258	8153	8419	17220
≥7	234	98	67	61	199	155	90	58	126	40	4	1					33.25-1	1133	12253	12889	17220
≥4	119	45	44	19	83	82	70	45	120	84	18	3					46.00-1	732	14043	15631	17220

DAYS DURATION OF EVENTS

0'W T*	TH
	17219
5	17219
31	17219
118	17219
424	17219
1443	17219
3451	17219
8722	17219
13326	17219
15842	17219

41 29.4N 134.9E

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17220
≥48	2			1													1.00-1	3	6	6	17220
≥41	6				2												1.50-1	8	17	17	17220
≥34	25	2			3												1.75-1	30	47	47	17220
≥28	55	27	12	6	6	1		1									4.50-1	108	233	233	17220
≥22	127	75	55	31	35	8	4	1	1								5.25-1	337	953	957	17220
≥17	244	170	108	71	122	39	15	7	4								7.50-1	780	2759	2782	17220
≥11	334	162	131	90	326	136	70	36	41	4							13.50-1	1330	7745	7884	17220
≥7	229	122	97	80	257	158	113	61	125	28							19.50-1	1265	12066	12399	17220
≥4	98	56	34	24	102	90	65	58	157	68	11	4					43.00-1	767	14092	15363	17220

DAYS DURATION OF EVENTS

42 28.6N 139.2W

WIND SPEED (kt)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0				17219
≥48	2																0.25-2	2	2	2	17219
≥41	1	1															0.50-1	2	3	3	17219
≥34	9	3	1	1													1.00-1	14	22	22	17219
≥28	35	15	12	4	4	1											2.25-1	71	148	149	17219
≥22	82	36	26	21	41	5	1	1									4.75-1	213	651	654	17219
≥17	294	99	63	36	99	31	20	6	6								7.50-1	614	2233	2242	17219
≥11	385	131	109	78	208	115	64	35	78	12							18.25-1	1213	8056	8273	17219
≥7	227	94	63	36	127	115	51	55	113	67	8	2					43.75-1	958	12339	13262	17219
≥4	116	39	24	28	76	50	44	26	89	76	19	10	1				67.75-1	598	13536	15697	17219

DAYS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

43 28.2N 125.9E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17219
≥48	1	1															0.50 - 1	2	3	3	17219
≥41	9	1	2	1													1.00 - 1	13	21	21	17219
≥34	38	17	8	3	7	2											2.25 - 2	75	170	175	17219
≥28	91	43	31	30	32	12	4										3.75 - 2	243	755	763	17219
≥22	103	78	68	51	118	32	18	7	6								9.00 - 1	561	2331	2353	17219
≥17	270	93	93	56	183	85	34	23	35	1							11.75 - 1	873	4814	4928	17219
≥11	281	98	109	78	236	117	54	47	86	24	2						24.50 - 1	1132	9314	9934	17219
≥7	176	80	61	44	175	119	68	54	117	43	14	2					33.50 - 1	953	12325	13637	17219
≥4	91	59	43	29	86	76	40	43	107	61	11	13	2				65.50 - 1	661	13150	15360	17219

DAYS DURATION OF EVENTS

44 27.9N 150.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17218
≥48																	0.00 - 0				17218
≥41	2		1														0.75 - 1	3	5	5	17218
≥34	15	6	3		1												1.50 - 1	25	42	42	17218
≥28	51	16	10	5	4	1	1										3.75 - 1	68	177	177	17218
≥22	146	58	39	21	36	7	1	1									4.75 - 1	309	779	779	17218
≥17	228	137	90	58	112	31	14	4	2								5.50 - 2	676	2354	2395	17218
≥11	411	174	151	95	290	131	51	32	29	3							13.75 - 1	1367	6966	7111	17218
≥7	331	128	119	76	274	173	111	75	100	16	2						23.25 - 1	1405	11473	11932	17218
≥4	158	70	59	45	128	100	74	65	142	81	10	1					31.75 - 1	933	14083	15164	17218

DAYS DURATION OF EVENTS

46 26.1N 170.8E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17220
≥48																	0.00 - 0				17220
≥41																	0.00 - 0				17220
≥34	3		1														0.75 - 1	4	6	6	17220
≥28	35	10	9			1	1										3.25 - 1	56	106	108	17220
≥22	102	38	31	12	22	9	2	2	1								5.25 - 1	219	626	629	17220
≥17	250	105	70	47	98	33	14	3	4								7.25 - 1	624	2137	2194	17220
≥11	380	171	132	88	235	96	62	34	54	6							17.50 - 1	1258	7210	7405	17220
≥7	295	112	87	59	200	131	81	55	121	38	4	1					33.00 - 1	1184	11760	12454	17220
≥4	136	56	49	36	94	75	48	44	142	65	19	5					39.50 - 1	769	13518	15427	17220

DAYS DURATION OF EVENTS

47 25.0N 119.4W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17219
≥48																	0.00 - 0				17219
≥41																	0.00 - 0				17219
≥34	2																0.25 - 2	2	2	2	17219
≥28	6	1		1													1.00 - 1	8	12	12	17219
≥22	44	10	7	1	8												1.75 - 2	70	135	137	17219
≥17	252	90	54	32	54	6	2		1								5.25 - 1	491	1150	1171	17219
≥11	629	216	133	87	238	129	55	32	24	4							14.00 - 1	1547	6828	7003	17219
≥7	342	146	97	53	164	110	80	58	142	43	4						26.75 - 1	1239	12173	12841	17219
≥4	125	42	55	24	70	47	39	27	107	74	18	11	2				67.00 - 1	641	13959	15795	17219

DAYS DURATION OF EVENTS

49 22.6N 128.0E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17220
≥48	2	1															0.50 - 1	3	4	4	17220
≥41	5	3	2		1												1.50 - 1	11	23	23	17220
≥34	20	8	6	1	3	2											3.00 - 1	40	100	100	17220
≥28	89	32	26	5	20	3	4										4.00 - 2	179	466	472	17220
≥22	188	68	52	27	81	34	12	5	6								8.75 - 1	473	1845	1859	17220
≥17	297	103	79	37	133	69	41	29	17	2							12.75 - 2	807	4099	4229	17220
≥11	364	139	96	42	168	118	58	48	68	23	4						27.25 - 1	1128	8589	9166	17220
≥7	297	107	79	35	148	118	72	52	123	46	7	4					42.50 - 1	1088	12293	13424	17220
≥4	118	38	33	26	56	37	45	32	107	67	19	11	1				82.50 - 1	588	13375	15938	17220

DAYS DURATION OF EVENTS

50 21.7N 162.7W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17220
≥48	1																0.25 - 1	1	1	1	17220
≥41	1																0.25 - 1	1	1	1	17220
≥34	5				1												1.25 - 1	6	10	10	17220
≥28	22	10	4	2	3	1											3.00 - 1	42	91	91	17220
≥22	125	38	25	13	27	8	1	4									4.75 - 2	241	648	654	17220
≥17	311	85	60	34	126	43	18	10	9	2							12.00 - 1	698	2760	2797	17220
≥11	484	151	105	69	187	92	57	29	64	27	6						27.75 - 1	1271	8604	8875	17220
≥7	320	84	80	49	124	80	74	47	89	59	10	10	1				77.25 - 1	1027	12942	13783	17220
≥4	144	50	33	20	67	47	35	44	89	57	16	23	1	1			96.75 - 1	627	14320	15912	17220

DAYS DURATION OF EVENTS

52 19.2N 127.8W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17219
≥48	1																0.25 - 1	1	1	1	17219
≥41	4	2															0.50 - 2	6	8	8	17219
≥34	11	2	1	1	2												1.50 - 2	17	34	36	17219
≥28	66	23	6	4	6	1											2.75 - 1	106	194	200	17219
≥22	241	58	38	26	39	13	4	3	1								7.50 - 1	423	1077	1115	17219
≥17	563	171	143	78	161	55	28	10	8	1							15.25 - 1	1218	4011	4113	17219
≥11	435	144	118	67	192	109	75	46	120	35	4						27.25 - 1	1345	11243	11958	17219
≥7	149	45	34	28	69	37	32	24	82	79	19	[illegible]	2				84.50 - 1	611	13426	15583	17219
≥4	41	14	14	6	10	10	4	9	20	33	16	20	8	4			109.75 - 1	209	11924	16809	17219

DAYS DURATION OF EVENTS

53 18.5N 120.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	3																0.25 - 3	3	3	3	17220
≥48	17	4	2	2	4												1.25 - 4	29	59	59	17220
≥41	45	10	8	4	9	2											2.50 - 1	78	181	181	17220
≥34	123	44	21	14	31	8	3	1									4.25 - 1	245	654	655	17220
≥28	225	74	38	25	64	30	10	6	6								8.75 - 1	478	1704	1725	17220
≥22	308	132	64	50	104	51	38	11	17	5							16.75 - 1	780	3592	3770	17220
≥17	380	133	77	46	148	73	47	28	41	12	1						24.00 - 1	986	5817	6195	17220
≥11	428	161	109	47	144	[illegible]	52	24	71	33	5	4					37.50 - 1	1175	9210	9942	17220
≥7	435	133	107	61	139	84	48	36	84	38	14	5	1				83.25 - 1	1185	11332	12890	17220
≥4	218	93	74	40	89	63	41	28	85	[illegible]	11	9	2	3			117.00 - 2	803	[illegible]	15387	17220

DAYS DURATION OF EVENTS

55 17.6N 138.5E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17219
≥48	8																0.25 - 8	8	8	8	17219
≥41	14	4	3		1	1											2.25 - 1	23	48	48	17219
≥34	39	16	10	6	8	3											3.00 - 2	82	205	205	17219
≥28	104	28	30	15	34	12	4	1									4.50 - 1	228	713	714	17219
≥22	209	82	57	24	86	33	9	7	7	1							11.00 - 1	[illegible]	2007	2049	17219
≥17	383	133	96	49	162	74	41	21	17	4							[illegible] - 1	980	4590	4752	17219
≥11	396	130	99	70	157	110	63	38	94	28	2						[illegible] - 1	1187	9371	9938	17219
≥7	290	103	95	44	121	63	51	40	96	52	14	6	1				68.25 - 1	976	12100	13747	17219
≥4	110	49	51	23	62	35	25	22	67	72	20	13		2			105.25 - 1	551	13111	15991	17219

DAYS DURATION OF EVENTS

56 17.6N 111.5W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17213
≥48	1																0.25 - 1	1	1	1	17213
≥41	5		1														0.75 - 1	6	8	8	17213
≥34	8	4	2	1													1.00 - 1	15	26	26	17213
≥28	18	11	3	3	2												1.75 - 1	37	73	73	17213
≥22	84	24	19	6	12	3											3.00 - 1	148	309	312	17213
≥17	287	92	56	27	45	9	1	1									4.50 - 1	518	1157	1169	17213
≥11	742	317	190	118	232	88	35	18	6	1							11.00 - 1	1747	5754	5871	17213
≥7	537	240	192	93	274	156	99	54	99	19							18.75 - 1	1763	11354	11801	17213
≥4	229	94	63	39	134	84	76	47	116	63	15	7					42.75 - 1	967	13763	14992	17213

DAYS DURATION OF EVENTS

58 14.5N 127.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17216
≥48	2																0.25 - 2	2	2	2	17216
≥41	3	3	1														0.75 - 1	7	12	12	17216
≥34	15	9	5	3	4												1.50 - 2	36	82	83	17216
≥28	51	17	13	5	15	9	1	1									4.75 - 1	112	349	352	17216
≥22	148	53	30	16	40	22	12	3	4								7.00 - 1	328	1201	1221	17216
≥17	267	96	64	46	80	44	28	11	20	1							12.50 - 1	657	2969	3042	17216
≥11	494	174	112	60	141	69	53	34	52	24							18.00 - 1	1213	7206	7627	17216
≥7	471	167	100	63	174	83	57	31	82	38	10	2					43.00 - 1	1278	10463	12038	17216
≥4	257	121	78	31	124	62	53	33	70	51	11	13		1			103.50 - 1	903	12164	15099	17216

DAYS DURATION OF EVENTS

59 14.0N 160.6W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17220
≥48	1																0.25 - 1	1	1	1	17220
≥41	1																0.25 - 1	1	1	4	17220
≥34	3	1	1														0.75 - 1	5	8	11	17220
≥28	20	3	3	1	1												1.25 - 1	28	44	47	17220
≥22	131	34	25	9	14	8	2										3.25 - 2	223	507	514	17220
≥17	384	115	98	35	96	[illegible]	19	7	9	3							12.50 - 1	815	2925	2977	17220
≥11	427	139	137	63	156	[illegible]	58	36	86	27	4	5					50.25 - 1	1254	10106	10900	17220
≥7	169	47	46	22	65	[illegible]	33	23	68	47	18	18	3	1			160.00 - 1	603	12962	15580	17220
≥4	40	12	9	3	17	[illegible]	7	6	17	19	10	22	3	5	2		188.75 - 1	180	11245	16829	17220

DAYS DURATION OF EVENTS

61 12.0N 156.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17220
≥48	1																0.25 - 1	1	1	1	17220
≥41	1																0.25 - 1	1	1	1	17220
≥34	3	2	2														0.75 - 2	7	13	13	17220
≥28	27	2	3		5	1											2.50 - 1	38	82	82	17220
≥22	175	39	15	5	20	5	3	3									4.75 - 1	225	544	557	17220
≥17	384	87	71	25	93	23	12	11	7	1							10.75 - 1	694	2277	2329	17220
≥11	537	143	138	45	196	73	47	27	60	32	2						27.00 - 1	1258	7982	8667	17220
≥7	309	74	57	22	87	55	40	24	54	38	16	16		2			148.75 - 1	790	11667	13848	17220
≥4	137	38	33	18	49	29	15	12	40	18	13	16	5	4			150.50 - 1	427	11254	16134	17220

DAYS DURATION OF EVENTS

62 4.1N 106.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0				17201
≥48																	0.00 - 0				17201
≥41																	0.00 - 0				17201
≥34		1															0.50 - 1	1	2	2	17201
≥28	2	3		1													1.00 - 1	6	12	12	17201
≥22	4	6	2	4	1	1											2.75 - 1	18	55	55	17201
≥17	7	12	4	4	2		4										3.75 - 2	33	128	139	17201
≥11	71	23	18	10	13	10	4	5	2								6.75 - 1	156	589	631	17201
≥7	283	95	60	19	52	20	12	3	14	3	2						29.25 - 1	563	2237	2503	17201
≥4	423	181	105	60	86	58	23	8	30	18	3	6	1				61.50 - 1	1002	6408	7127	17201

DAYS DURATION OF EVENTS

Wind speed (kn)	T• (partial)	TH
≥64		17219
≥48	3	17219
≥41	21	17219
≥34	175	17219
≥28	763	17219
≥22	2353	17219
≥17	4928	17219
≥11	9934	17219
≥7	3637	17219
≥4	5360	17219

Wind speed (kn)	T• (partial)	TH
≥64		17220
≥48		17220
≥41		17220
≥34	6	17220
≥28	108	17220
≥22	629	17220
≥17	2194	17220
≥11	7405	17220
≥7	2454	17220
≥4	5427	17220

Wind speed (kn)	T• (partial)	TH
≥64		17220
≥48	4	17220
≥41	23	17220
≥34	100	17220
≥28	472	17220
≥22	1859	17220
≥17	4229	17220
≥11	9166	17220
≥7	3424	17220
≥4	4938	17220

Wind speed (kn)	T• (partial)	TH
≥64		17219
≥48		17219
≥41	8	17219
≥34	36	17219
≥28	200	17219
≥22	1115	17219
≥17	4113	17219
≥11	1958	17219
≥7	5583	17219
≥4	6809	17219

Wind speed (kn)	T• (partial)	TH
≥64		17219
≥48	8	17219
≥41	48	17219
≥34	205	17219
≥28	714	17219
≥22	2049	17219
≥17	3752	17219
≥11	938	17219
≥7	3747	17219
≥4	3991	17219

Wind speed (kn)	T• (partial)	TH
≥64		17216
≥48	2	17216
≥41	12	17216
≥34	83	17216
≥28	352	17216
≥22	221	17216
≥17	042	17216
≥11	627	17216
≥7	038	17216
≥4	099	17216

Wind speed (kn)	T• (partial)	TH
≥64		17220
≥48	1	17220
≥41	1	17220
≥34	13	17220
≥28	92	17220
≥22	57	17220
≥17	29	17220
≥11	67	17220
≥7	48	17220
≥4	34	17220

44 — 27.9N 150.7E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17218
≥48																	0.00-0				17218
≥41	2		1														0.75-1	3	5	5	17218
≥34	15	6	3		1												1.50-1	25	42	42	17218
≥28	51	16	10	5	4	1	1										3.75-1	88	177	177	17218
≥22	146	58	39	21	36	7	1	1									4.75-1	309	779	779	17218
≥17	228	137	90	58	112	31	14	4	2								5.50-2	676	2354	2395	17218
≥11	411	174	151	95	290	131	51	32	29	3							13.75-1	1367	6966	7111	17218
≥7	331	128	119	76	274	173	111	75	100	16	2						23.25-1	1405	11473	11932	17218
≥4	158	70	59	45	128	100	74	65	142	81	10	1					31.75-1	933	14083	15164	17218

DAYS DURATION OF EVENTS

45 — 27.8N 145.6W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17219
≥48																	0.00-0				17219
≥41	1																0.25-1	1	1	1	17219
≥34	8	8	3	1	2												1.25-2	22	47	47	17219
≥28	33	14	16	8	9												2.00-3	80	201	201	17219
≥22	129	43	39	24	40	14	2		1								6.75-1	292	878	886	17219
≥17	271	125	76	52	110	53	15	10	10								8.75-1	722	2806	2824	17219
≥11	360	137	100	86	197	110	61	39	80	24	1						20.25-1	1195	8694	8985	17219
≥7	203	94	47	44	134	83	65	49	111	61	13	4					39.25-1	908	12508	13645	17219
≥4	95	37	27	19	52	50	20	19	76	70	22	10	4				71.25-1	501	12916	15954	17219

DAYS DURATION OF EVENTS

47 — 25.0N 119.4W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17219
≥48																	0.00-0				17219
≥41																	0.00-0				17219
≥34	2																0.25-2	2	2	2	17219
≥28	6	1		1													1.00-1	8	12	12	17219
≥22	44	10	7	1	8												1.75-2	70	135	137	17219
≥17	252	90	54	32	54	6	2		1								5.25-1	491	1150	1171	17219
≥11	629	216	133	87	238	129	55	32	24	4							14.00-1	1547	6828	7003	17219
≥7	342	146	97	53	164	110	80	58	142	43	4						26.75-1	1239	12173	12841	17219
≥4	125	42	55	24	70	47	39	27	107	74	18	11	2				67.00-1	641	13959	15795	17219

DAYS DURATION OF EVENTS

48 — 23.5N 151.8W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17220
≥48																	0.00-0				17220
≥41																	0.00-0				17220
≥34	1																0.25-1	1	1	1	17220
≥28	19	8	7		1												1.25-1	35	61	61	17220
≥22	99	52	24	13	17	8	2										3.50-1	[illegible]	541	544	17220
≥17	287	105	67	41	87	39	19	3	14								9.75-1	662	2490	2520	17220
≥11	415	156	119	62	186	99	66	38	82	25	2	1					31.75-1	1251	9100	9490	17220
≥7	184	74	52	25	118	70	40	34	102	47	24	7	1				62.25-[illegible]	778	12643	14537	17220
≥4	56	32	19	11	39	32	33	8	58	58	16	17	6				87.75-	385	12504	16342	17220

DAYS DURATION OF EVENTS

50 — 21.7N 162.7W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17220
≥48	1																0.25-1	1	1	1	17220
≥41	1																0.25-1	1	1	1	17220
≥34	5				1												1.25-1	6	10	10	17220
≥28	22	10	4	2	3	1											3.00-1	42	91	91	17220
≥22	125	38	25	13	27	8	1	4									4.75-2	241	648	654	17220
≥17	311	85	60	34	126	43	18	10	9	2							12.00-1	698	2760	2797	17220
≥11	484	151	105	69	187	92	57	29	64	27	6						27.75-1	1271	8604	8875	17220
≥7	320	84	80	49	124	80	74	47	89	59	10	10	1				77.25-1	1027	12942	13783	17220
≥4	144	50	33	20	67	47	35	44	89	57	16	23	1	1			96.75-1	627	14320	15912	17220

DAYS DURATION OF EVENTS

51 — 20.5N 177.1W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17220
≥48																	0.00-0				17220
≥41																	0.00-0				17220
≥34	1	1	1														0.75-1	3	6	6	17220
≥28	23	3	3	3	1	1											2.50-1	34	66	66	17220
≥22	88	35	11	19	19	7	3	1									4.50-1	183	507	520	17220
≥17	272	94	62	31	84	37	18	8	9								9.00-1	615	2290	2358	17220
≥11	399	143	111	78	176	108	54	45	64	19	4	1					41.50-1	1202	8492	8957	17220
≥7	204	84	60	33	103	83	44	31	107	59	11	6	1				74.25-1	826	12007	14110	17220
≥4	82	34	16	16	50	44	26	16	59	53	19	17	5				75.75-1	437	12490	16255	17220

DAYS DURATION OF EVENTS

53 — 18.5N 120.7E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64	3																0.25-3	3	3	3	17220
≥48	17	4	2	2	4												1.25-4	29	59	59	17220
≥41	45	10	8	4	9	2											2.50-1	78	181	181	17220
≥34	123	44	21	14	31	8	3	1									4.25-1	245	654	655	17220
≥28	225	74	38	25	64	30	10	6	6								8.75-1	478	1704	1725	17220
≥22	308	132	64	50	104	51	38	11	17	5							16.75-1	780	3592	3770	17220
≥17	380	133	77	46	148	73	47	28	41	12	1						24.00-1	986	5817	6195	17220
≥11	428	161	109	47	144	97	52	24	71	33	5	4					37.50-1	1175	9210	9942	17220
≥7	435	133	107	61	139	84	48	36	84	38	14	5	1				83.25-1	1185	11332	12890	17220
≥4	218	93	74	40	89	63	41	28	85	47	11	9	2	3			117.00-2	803	12538	15387	17220

DAYS DURATION OF EVENTS

54 — 18.2N 168.8E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17219
≥48	1	1															0.50-1	2	3	3	17219
≥41	1	3	2	1													1.00-1	7	17	17	17219
≥34	13	2	3		6												2.00-1	24	65	65	17219
≥28	40	13	8	6	4	6	1										3.25-1	78	218	223	17219
≥22	168	56	48	18	44	9	7	4	2								6.50-1	356	1089	1113	17219
≥17	367	126	86	44	121	53	17	11	22	1							12.25-1	848	3413	3545	17219
≥11	431	136	96	67	175	84	64	38	76	29	4	2					44.25-1	1202	9058	9973	17219
≥7	222	85	54	25	92	55	52	38	83	53	18	11	1				64.75-1	789	12301	14489	17219
≥4	89	26	31	10	36	19	24	24	50	43	15	23	5	1			123.75-1	396	12734	16411	17219

DAYS DURATION OF EVENTS

56 — 17.6N 111.5W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17213
≥48	1																0.25-1	1	1	1	17213
≥41	5																0.75-1	6	8	8	17213
≥34	8	4		1													1.00-1	15	26	26	17213
≥28	18	11	3	3	2												1.75-1	37	73	73	17213
≥22	84	24	19	6	12	3											3.00-1	148	309	312	17213
≥17	287	92	56	27	45	9	1	1									4.50-1	518	1157	1169	17213
≥11	742	317	190	118	232	88	35	18	6	1							11.00-1	1747	5754	5871	17213
≥7	537	240	192	93	274	158	99	54	99	19							18.75-1	1763	11354	11801	17213
≥4	229	94	63	39	134	84	76	47	118	63	15	7					42.75-1	967	13763	14992	17213

DAYS DURATION OF EVENTS

57 — 14.9N 147.9E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64	1																0.25-1	1	1	1	17220
≥48	3			1													1.00-1	4	7	7	17220
≥41	2		1	3													1.00-3	6	17	17	17220
≥34	18	2	2		3	2											2.75-1	27	67	67	17220
≥28	99	12	13	4	8	1	2										3.75-1	139	269	271	17220
≥22	312	63	50	20	48	13	3	1	1								6.00-1	511	1167	1176	17220
≥17	611	117	129	53	126	48	23	5	10								8.75-1	1122	3383	3454	17220
≥11	755	182	159	63	208	114	72	42	64	19	2						21.25-1	1680	8969	9405	17220
≥7	454	108	124	45	157	99	52	40	101	42	11	7	1				66.50-1	1239	12263	13657	17220
≥4	177	46	49	22	75	39	34	25	78	50	23	15	4				80.25-1	637	13167	16014	17220

DAYS DURATION OF EVENTS

59 — 14.0N 160.6W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17220
≥48	1																0.25-1	1	1	1	17220
≥41	1																0.25-1	1	1	4	17220
≥34	3	1	1														0.75-1	5	8	11	17220
≥28	20	3	3	1	1												1.25-1	28	44	47	17220
≥22	131	34	25	9	14	8	2										3.25-2	223	507	514	17220
≥17	384	115	98	35	96	49	19	7	9	3							12.50-1	815	2925	2977	17220
≥11	427	139	137	63	156	118	58	36	86	27	4	5					50.25-1	1254	10106	10900	17220
≥7	169	47	46	22	65	43	33	23	68	47	18	18	3	1			160.00-1	603	12962	15580	17220
≥4	40	12	9	3	17	8	7	6	17	19	10	22	3	5	2		188.75-1	180	11245	16829	17220

DAYS DURATION OF EVENTS

60 — 12.2N 112.6E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17220
≥48																	0.00-0				17220
≥41	6	1	1														0.75-1	8	11	11	17220
≥34	11	8	4	2	2		2										3.75-1	29	85	85	17220
≥28	44	9	5	7	8	5	2			1							12.50-1	81	283	294	17220
≥22	138	49	37	26	31	10	4	4	8	2							14.75-2	309	1205	1245	17220
≥17	271	109	63	29	71	36	14	15	25	3	1						24.50-1	637	3030	3195	17220
≥11	416	149	101	57	123	57	38	34	48	22	5	2					36.75-1	1052	7097	7610	17220
≥7	409	130	106	45	108	57	40	27	64	39	17	7					47.75-1	1048	10277	11565	17220
≥4	285	131	102	46	97	54	28	20	62	40	12	10	4	1			95.25-1	892	11231	13775	17220

DAYS DURATION OF EVENTS

62 — 4.1N 106.7E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				17201
≥48																	0.00-0				17201
≥41																	0.00-0				17201
≥34		1															0.50-1	1	2	2	17201
≥28	2	3		1													1.00-1	6	12	12	17201
≥22	4	6	2	4	1	1											2.75-1	18	55	55	17201
≥17	7	12	4	4	2		4										3.75-2	33	128	139	17201
≥11	71	23	18	10	13	10	4	5	2								6.75-1	156	589	631	17201
≥7	283	95	60	19	52	20	12	3	14	3	2						29.25-1	563	2237	2503	17201
≥4	423	181	105	60	86	58	23	8	30	18	3	6	1				61.50-1	1002	6408	7127	17201

DAYS DURATION OF EVENTS

63 — 2.1N 123.6E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0				[illegible]
≥48																	0.00-0				[illegible]
≥41																	0.00-0				[illegible]
≥34																	0.00-0				[illegible]
≥28	1																0.25-1	1	1	1	[illegible]
≥22	1																0.25-1	1	1	1	[illegible]
≥17	1																0.25-1	1	1	1	[illegible]
≥11	20	3	1		3												1.25-3	27	44	46	[illegible]
≥7	138	24	14	2	3	3	1			1							6.00-1	186	323	342	[illegible]
≥4	617	147	159	30	75	11	11	4	15	4	1	4	1				68.75-1	1079	3973	4037	[illegible]

DAYS DURATION OF EVENTS

WINTER

1 — 64.0N 166.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																9	SEA-8	9	3080	4525	4527
≥48					1	1						1	1			15	SEA-7	19	3504	5057	5082
≥41	2	1	1	2	1	2	1	3	2		1	2	2	1		33	SEA-6	54	4793	6167	6286
≥34	8	6	7	2	3	5	4	4	2	1	3	4	1	2		64	SEA-4	116	4934	5433	5902
≥28	25	6	10	7	5	7	9	11	12	12	5	9	3	5	6	66	780-1	198	3492	3608	4662
≥22	23	18	22	20	15	15	21	13	7	8	8	7	7	5	7	43	420-1	239	2428	2497	4391
≥17	37	27	30	26	20	15	8	7	11	10	7	5	5	4		25	240-1	237	1633	1661	4367
≥11	36	36	39	15	13	15	8	5	2	4	3	2	2	2	2	5	114-1	189	819	830	4345
≥7	47	28	20	10	9	4	3	4	1		1		1				78-1	128	358	361	4333
≥4	43	16	7	5	1	1	2	1									48-1	76	149	152	4333

HOURS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																10	SEA-7	10	3134	4672	4677
≥48	2			1			1	2	1		1	2				20	SEA-6	30	3891	5666	5727
≥41	3	3	1	2	1		5	1	1	2	3				1	48	SEA-5	71	5282	5864	6066
≥34	9	3	5	4	2	7	8	3	4	5	9	3	6	3	4	68	SEA-2	143	4419	4716	5263
≥28	16	13	9	11	14	12	14	17	4	10	9	6	3	3	6	62	816-1	209	3268	3422	4491
≥22	29	22	26	16	31	20	10	15	12	11	6	4	2	5	5	46	450-1	260	2453	2513	4370
≥17	44	34	34	34	23	21	15	6	14	5	3	7	2	6	4	22	420-1	274	1746	1772	4354
≥11	55	45	29	25	21	12	13		5	4	3	2	2	1		2	126-1	219	821	831	4337
≥7	68	44	20	10	9	7	2	1		1							60-1	162	375	378	4333
≥4	61	15	4	4	1		1										42-1	86	131	132	4331

HOURS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1									1						15	SEA-8	17	3570	4978	4994
≥48	4		1	2		3	3	2	2	1		1	5	1	1	46	SEA-4	72	4676	5100	5300
≥41	15	7		6	3	3	3	4	4	1	5	3	5	4	2	61	SEA-2	126	4207	4463	4942
≥34	16	12	9	13	9	6	7	5	6	7	8	5	6	4	4	70	648-1	187	3465	3616	4540
≥28	27	17	17	18	15	10	8	11	7	7	6	8	10	2	4	60	528-1	227	2764	2894	4415
≥22	32	29	31	17	22	13	17	14	6	8	6	7	3	5	3	38	300-2	251	2007	2102	4379
≥17	43	33	40	23	22	12	15	11	8	6	5	7	3	2	5	15	228-1	250	1414	1438	4347
≥11	50	46	29	24	8	9	6	4	5		5	1	1	1	1	3	132-1	193	704	724	4342
≥7	69	26	20	11	6	4	1		1	1	1					1	102-1	141	333	335	4333
≥4	60	16	5	2	1	1											36-1	85	126	126	4333

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48								1								14	SEA-8	15	3748	5117	5131
≥41	1	1					2	1		1			2			37	SEA-5	45	4484	5665	5745
≥34	10	5	4	3	4	2	2	5	2	1	2	3	2	1	2	60	SEA-1	108	4592	4999	5281
≥28	20	10	9	8	5	4	7	2	6	6	3	8	1	2	4	82	684-1	177	3804	3979	4614
≥22	31	31	37	13	12	17	12	16	7	9	4	9	4	5	1	68	546-1	276	3145	3216	4473
≥17	60	59	34	28	26	21	19	11	14	5	6	2	6	3	2	41	300-1	337	2321	2363	4399
≥11	92	64	38	32	24	20	7	7	7	5	6	1	2	5	1	3	174-1	314	1188	1195	4343
≥7	111	56	32	16	6	5	7	2	2	1	1				1	1	108-1	241	580	583	4335
≥4	82	24	10	4	2			1	1								54-1	124	203	205	4333

HOURS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																9	SEA-7	9	3056	4861	4863
≥48	1	1					1	2				1		1		27	SEA-4	34	4088	6031	6098
≥41	3	3	3	1	2	1	1	1		2	1		1		1	53	SEA 4	73	4713	5796	6006
≥34	16	9	7	5	6	4	10	5	5	3	5	1	3	3	5	71	SEA-1	158	4066	4327	4868
≥28	21	15	18	23	4	19	6	6	7	10	2	5	3	5	6	77	354-1	227	3223	3343	4447
≥22	41	26	25	24	22	11	11	5	4	10	5	8	9	5	3	54	276-1	263	2418	2523	4358
≥17	49	53	39	28	21	12	6	8	11	6	8	12	6	3	2	24	252-1	288	1712	1773	4350
≥11	83	49	40	24	14	14	10	3	6	1	4	3	2	1	2	1	102-1	257	876	885	4339
≥7	78	43	20	9	5	6	1	1	1		1	1					72-1	166	368	373	4333
≥4	66	13	7	1													24-1	87	117	117	4333

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64									2							14	SEA-7	16	3611	5331	5344
≥48		1	1	1	1	2		1	1		1	1	1	1	1	44	SEA-2	57	3945	4996	5114
≥41	5	5	1	4	2	3	4	4	2	2		4	1	5	3	58	SEA-1	103	4224	4530	4814
≥34	17	20	13	12	6	7	10	6	8	6	7	6	5	3	4	62	1044-1	192	3562	3820	4473
≥28	58	29	25	20	13	12	18	15	9	11	5	5	6	3	5	62	354-1	296	3041	3159	4388
≥22	54	44	31	30	23	16	16	8	14	7	12	7	7	7	4	35	246-1	315	2181	2273	4347
≥17	64	55	41	31	20	18	17	6	8	8	3	7	2	2	7	14	138-1	303	1477	1526	4342
≥11	85	53	43	21	10	7	8	3	4	1	4	3	3				78-3	245	741	742	4337
≥7	76	33	13	12	4	4	2	1			1						66-1	146	306	306	4333
≥4	64	13	3	4													24-4	84	115	115	4333

HOURS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																9	SEA-8	9	3029	4474	4476
≥48	2			1				1					2		1	29	SEA-6	36	4188	5720	5776
≥41	12	4	2	1	4		1	2	1	2	4	1		2	1	50	SEA-2	87	4875	5628	5795
≥34	25	15	13	8	9	6	6	3	4	9	5	3	5	3	4	65	1698-1	183	4151	4428	4928
≥28	50	27	27	17	9	14	13	7	17	5	10	5	3	4	1	68	1206-1	277	3490	3563	4551
≥22	76	46	30	24	21	19	8	21	11	5	7	4	7	6	3	46	900-1	334	2593	2629	4404
≥17	64	57	43	33	21	24	14	5	8	7	8	1	5	6	3	21	252-1	320	1773	1792	4342
≥11	81	54	34	30	17	5	7	6	3	2	3	2		1		6	144-1	251	851	859	4333
≥7	83	40	26	6	6	4	3		2				1			2	132-1	173	409	410	4333
≥4	66	22	7	1	1	1											36-1	98	146	147	4333

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64			1													10	SEA-8	11	3411	4856	4862
≥48	2	1		1			1			1		1				30	SEA-4	37	4069	5411	5486
≥41	7	4	5	2	2	2		3	4	4	1	1	3		1	60	1350-1	99	4152	4561	4780
≥34	28	13	10	10	13	13	7	6	5	2	3	8	1	2	1	83	690-1	205	3719	3987	4564
≥28	40	29	22	20	21	9	[illegible]	9	15	9	6	12	2	7	4	67	438-1	285	3127	3260	4418
≥22	59	35	46	39	26	14	11	21	14	12	9	6	7	6	8	30	306-1	343	2366	2441	4408
≥17	90	70	53	28	30	17	20	6	6	5	7	7	5		1	16	198-2	361	1618	1662	4348
≥11	116	79	37	23	12	5	5	6	1	3	3	1		2			84-2	293	762	782	4337
≥7	113	37	16	7	3	5			1								54-1	182	317	323	4333
≥4	69	17	3	1													24-1	90	116	116	4333

HOURS INTERVAL BETWEEN EVENTS

13 — 50.3N 171.3W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																9	SEA-7	9	3007	4676	4679
≥48	2	3				2	1	1					1			26	SEA-5	36	4329	5351	5410
≥41	5	3	1	1	3	2		3	1	2			2		1	52	SEA-1	76	4561	4958	5122
≥34	15	7	8	7	7	1	4	5	6	5	1	4	5	2	3	76	858-1	156	3869	4056	4496
≥28	40	21	15	16	16	11	10	13	7	8	10	4	7	2	7	78	546-1	267	3425	3567	4487
≥22	59	41	41	20	23	20	13	11	20	15	10	12	13	13	8	31	354-1	350	2674	2714	4402
≥17	89	63	47	37	28	23	23	17	13	9	12	8	2	1	2	11	198-1	385	1806	1837	4350
≥11	107	81	38	38	18	8	5	4	3	4	2					1	120-1	309	849	859	4332
≥7	104	56	20	4	3	4		1	1								54-1	193	348	348	4332
≥4	78	6	5	1													24-1	90	109	109	4332

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64				2					1							10	SEA-8	13	3344	4865	4872
≥48	2	2	2	4	1	1	2	1	1	1	2			2	1	47	SEA-1	69	4341	4776	4906
≥41	4	7	6	4	6	2	3	4	2	3	4	2	1	4	4	59	SEA-1	115	4276	4497	4768
≥34	30	13	12	11	8	8	6	4	10	3	6	4	3	4	3	73	780-1	198	3638	3833	4426
≥28	44	39	23	25	16	16	16	9	17	6	8	8	2	4	1	72	510-1	306	3160	3199	4359
≥22	65	65	46	30	24	26	13	10	13	8	11	9	2	4	2	43	216-1	371	2306	2324	4350
≥17	77	59	47	29	27	23	22	9	11	7	7	6	2	3	3	9	174-1	341	1553	1564	4338
≥11	105	57	32	25	12	10	9	7	4	1	1		2		1		90-1	266	752	757	4337
≥7	98	34	18	8	7	5	1										42-1	171	324	327	4333
≥4	50	17	2	4	1												30-1	74	111	111	4333

HOURS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																10	SEA-5	10	2501	4835	4846
≥48	1		3	3		2	3	2			2	4			2	40	SEA-3	62	4474	5298	5400
≥41	6	7	4	5	5	3	5	4	1	4	1	3	3	7	1	69	972-1	128	3618	4174	4470
≥34	18	18	18	14	15	11	9	13	7	3	10	9	6	5	5	66	594-1	227	3416	3704	4422
≥28	53	32	38	22	20	20	23	10	5	12	9	13	5	6	4	59	396-1	331	2963	3048	4383
≥22	79	86	54	27	24	21	16	12	6	14	14	7	6	7	9	17	246-1	399	2113	2145	4340
≥17	115	80	60	40	23	14	12	13	7	8	3	1	2	4	2	4	114-1	388	1371	1388	4338
≥11	103	68	46	13	7	9	8	5	1								54-1	260	623	629	4334
≥7	75	47	16	1	4	2	1	1									48-1	147	268	270	4334
≥4	60	9		1													24-1	70	82	83	4331

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																10	SEA-7	10	3071	4800	4806
≥48	4	1		1											1	20	SEA-7	27	4460	5754	5801
≥41	2	3	3		1	1	1		2	1	1		1	1		34	SEA-3	51	3729	5572	5727
≥34	7	6	5	1	2		4	5	4	2	3		3	4		56	1350-1	102	3602	4474	4867
≥28	21	9	6	7	10	10	8	7	8	5	8	6	7	5	5	74	648-1	196	3430	3721	4541
≥22	51	33	28	26	19	17	24	13	10	12	9	8	6	6	4	47	384-1	313	2684	2808	438[illegible]
≥17	74	67	39	40	23	25	15	16	15	3	4	4	4	4	2	22	204-1	357	1869	1892	4346
≥11	96	81	44	31	17	5	8	6	3	1	2	1	3	1		1	120-1	300	877	881	4340
≥7	94	47	25	10	5	2	[illegible]		2			1				1	108-1	190	409	410	4334
≥4	78	30	18	7	4	3	1		2			1				1	108-1	145	313	314	4333

HOURS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1										1				11	SEA-8	13	3519	4861	4869
≥48	5	5	3			1	2	1			2	1	1	1		48	SEA-1	70	4542	5028	5158
≥41	14	5	8	5	2	3	3	5	4	2	3	4	4		3	68	1080-1	133	3920	4245	4559
≥34	24	21	22	13	10	5	12	10	12	15	8	7	9	1	5	79	618-1	253	3585	3672	4409
≥28	61	37	31	29	15	22	17	16	14	11	16	20	6	4	6	51	438-1	356	2960	3015	4386
≥22	78	58	49	39	35	25	18	16	14	16	8	8	1	7	2	22	228-1	396	2157	2184	4369
≥17	100	64	55	40	36	18	11	17	6	8	3	3	3		4	7	132-1	375	1489	1494	4365
≥11	127	88	34	18	12	6	6	1	2		1	1		1			84-1	297	678	679	4340
≥7	99	39	18	7	1	2	1										42-1	167	283	283	4335
≥4	60	10	3	2													24-2	75	97	97	4333

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1			1												10	SEA-7	12	2847	4568	4574
≥48	1	1	2	1		1		1			1					26	SEA-6	34	4480	5788	5845
≥41	7	2	3	3	8		1	2	2	4	4	5	2	1	1	65	SEA-1	110	4244	4931	5154
≥34	32	15	11	19	17	12	10	13	10	4	7	7	6	4	4	66	1038-1	237	3753	4088	4749
≥28	64	40	37	14	23	11	17	10	7	12	4	6	10	8	2	54	486-1	319	2930	3046	4397
≥22	80	50	47	25	27	13	12	14	13	11	6	9	7	6	3	27	432-1	350	2152	2182	4339
≥17	98	47	38	39	23	13	15	10	4	8	5	3	3	3	3	9	264-1	321	1398	1420	4334
≥11	84	50	32	16	13	9	3	3	6	2	2		1			1	126-1	222	638	640	4332
≥7	80	30	14	8	6	2		3									48-3	143	280	280	4332
≥4	53	13	2	2													24-2	70	93	93	4332

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS

2 — 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																10	SEA-7	10	3134	4672	4677
≥48	2			1			1	2	1		1	2				20	SEA-6	30	3891	5666	5727
≥41	3	3	1	2	1		5	1	1	2	3				1	48	SEA-5	71	5282	5864	6066
≥34	9	3	5	4	2	7	8	3	4	5	9	3	6	3	4	68	SEA-2	143	4419	4716	5263
≥28	16	13	9	11	14	12	14	17	4	10	9	6	3	3	6	62	816-1	209	3268	3422	4491
≥22	29	22	26	16	31	20	10	15	12	11	6	4	2	5	5	46	450-1	260	2453	2513	4370
≥17	44	34	34	34	23	21	15	6	14	5	3	7	2	6	4	22	420-1	274	1746	1772	4354
≥11	55	45	29	25	21	12	13		5	4	3	2	2	1		2	126-1	219	821	831	4337
≥7	68	44	20	10	9	7	2	1		1							60-1	162	375	378	4333
≥4	61	15	4	4	1		1										42-1	86	[illegible]	132	4331

HOURS INTERVAL BETWEEN EVENTS

3 — 58.5N 151.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																10	SEA-8	10	3304	4749	4751
≥48	2						1					1				16	SEA-6	20	4187	5458	5485
≥41	1			1		1	3			1		1	1			36	SEA-2	45	4122	5403	5491
≥34	12	9	3	2	3	6	4	2	2	3	5	1	3	2	3	63	1284-1	123	3968	4543	4871
≥28	22	9	11	13	10	14	6	6	5	7	4	5	3	3	2	77	678-1	197	3547	3789	4545
≥22	45	25	27	20	26	12	14	15	11	7	12	8	11	6	7	53	516-1	299	2853	2918	4465
≥17	60	46	37	35	21	20	9	14	6	11	12	9	5	4	2	25	384-1	316	1995	2033	4384
≥11	69	73	39	29	12	12	8	8	9	2	2	2	2	4	2	3	108-1	276	1009	1017	4341
≥7	99	55	19	5	8	1	7	4	1			1					72-1	200	434	439	4335
≥4	73	10	4	2			2										42-2	91	127	131	4333

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48								1								14	SEA-8	15	3748	5117	5131
≥41	1	1					2	1		1			2			37	SEA-5	45	4484	5665	5745
≥34	10	5	4	3	4	2	2	5	2	1	2	3	2	1	2	60	SEA-1	108	4592	4999	5281
≥28	20	10	9	8	5	4	7	2	6	6	3	8	1	2	4	82	684-1	177	3804	3979	4614
≥22	31	31	37	13	12	17	12	16	7	9	4	9	4	5	1	68	546-1	276	3145	3216	4473
≥17	60	59	34	28	26	21	19	11	14	5	6	2	6	3	2	41	300-1	337	2321	2363	4399
≥11	92	64	38	32	24	20	7	7	7	5	6	1	2	5	1	3	174-1	314	1188	1195	4343
≥7	111	56	32	16	6	5	7	2	2	1	1				1	1	108-1	241	580	583	4335
≥4	82	24	10	4	2			1	1								54-1	124	203	205	4333

HOURS INTERVAL BETWEEN EVENTS

6 — 54.9N 167.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-7	8	2711	4514	4515
≥48	1						2									21	SEA-7	25	4288	5714	5747
≥41		2	1	2		3	4			2	1	1	1	1	1	44	SEA-2	63	4257	5337	5457
≥34	17	8	7	4	5	5	4	5	2	4	3	2	1	1	2	76	780-1	146	3944	4257	4660
≥28	26	14	13	10	13	8	15	7	9	4	3	10	3	1	8	77	552-1	221	3367	3593	4446
≥22	54	33	28	39	27	26	19	16	7	10	6	6	11	2	7	41	318-1	332	2618	2701	4355
≥17	68	63	52	37	25	25	16	12	11	9	7	9	2	1	2	20	240-1	359	1841	1875	4338
≥11	98	77	41	22	19	15	5	5	2	3	2	2				2	126-1	293	854	880	4336
≥7	101	39	25	11	3	4		1			1						66-1	185	356	367	4332
≥4	76	6	1	3			1										42-1	87	110	120	4332

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64									2							14	SEA-7	16	3611	5331	5344
≥48		1	1	1	1	2		1	1		1	1	1	1	1	44	SEA-2	57	3945	4996	5114
≥41	5	5	1	4	2	3	4	4	2	2		4	1	5	3	58	SEA-1	103	4224	4530	4814
≥34	17	20	13	12	6	7	10	6	8	6	7	6	5	3	4	62	1044-1	192	3562	3820	4473
≥28	58	29	25	20	13	12	18	15	9	11	5	5	6	3	5	62	354-1	296	3041	3159	4388
≥22	54	44	31	30	23	16	16	8	14	7	12	7	7	7	4	35	246-1	315	2181	2273	4347
≥17	64	55	41	31	20	18	17	6	8	8	3	7	2	2	7	14	138-1	303	1477	1526	4342
≥11	85	53	43	21	10	7	8	3	4	1	4	3	3				78-3	245	741	742	4337
≥7	76	33	13	12	4	4	2	1			1						66-1	146	306	306	4333
≥4	64	13	3	4													24-4	84	115	115	4333

HOURS INTERVAL BETWEEN EVENTS

9 — 51.7N 158.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																10	SEA-8	10	3226	4972	4975
≥48			1							1						28	SEA-4	30	3962	5763	5818
≥41	1	1	2	1	1		1	1	1	2	1		2	2	2	51	SEA-3	69	4553	5352	5524
≥34	12	6		11	2	9	6	7	5	3	8	6	2	4	6	69	SEA-1	156	4112	4467	4938
≥28	22	21	21	17	10	15	12	11	8	9	5	1	7	6	9	67	516-1	241	3150	3399	4419
≥22	42	31	26	32	22	25	17	12	4	4	4	4	9	3	5	55	288-1	295	2526	2617	4355
≥17	61	63	42	27	23	11	12	11	6	10	5	4	3	6	3	25	186-1	312	1739	1792	4339
≥11	90	65	32	18	11	13	5	5	7	3	2			1		3	132-1	255	779	799	4338
≥7	79	33	11	8	6	7		2	2	1							60-1	149	326	332	4333
≥4	57	13	7	2	1			1									48-1	81	125	125	4333

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																10	SEA-8	11	3411	4856	4862
≥48	2	1		1			1			1		1				30	SEA-[illegible]	37	4069	5411	5486
≥41	7	4	5	2	2	2		3	4	4	1	1	3		1	60	1350-1	99	4152	4561	4780
≥34	28	13	10	10	13	13	7	6	5	2	3	8	1	2	1	83	690-	205	3719	3987	4564
≥28	40	29	22	20	21	9	13	9	15	9	6	12	2	7	4	67	438-1	285	3127	3260	4418
≥22	59	35	46	39	26	14	11	21	14	12	9	6	7	6	8	30	306-1	343	2366	2441	4408
≥17	90	70	53	28	30	17	20	6	6	5	7	7	5		1	16	198-2	361	1618	1662	4348
≥11	116	79	37	23	12	5	5	6	1	3	3	1		2			84-2	293	762	782	4337
≥7	113	37	16	7	3	5			1								54-1	182	317	323	4333
≥4	69	17	3	1													24-1	90	116	116	4333

HOURS INTERVAL BETWEEN EVENTS

12 — 50.9N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48	1					1	1					1				27	SEA-6	31	3909	5584	5626
≥41	6	1	4	4	1	4	3	1	3	2	1		1	2	2	58	SEA-3	93	4512	5152	5339
≥34	18	17	8	7	13	8	6	2	4	5	4	6	8	2	5	72	1020-1	185	3932	4187	4729
≥28	40	29	28	18	20	14	11	8	14	6	3	5	7	3	6	66	426-1	278	3254	3316	4466
≥22	73	37	36	25	18	18	18	14	5	9	11	8	4	3	2	41	384-1	322	2385	2417	4383
≥17	96	67	31	41	18	15	17	10	6	1	8	4	4	1	4	16	246-1	339	1564	1586	4361
≥11	98	48	27	23	11	9	4	5	1	1	1	1	3		2	1	96-1	235	671	673	4338
≥7	87	29	20	8	2	3				1							60-1	150	275	277	4334
≥4	59	12	5	1													24-1	77	102	103	4333

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64				2					1							10	SEA-8	13	3344	4865	4872
≥48	2	2	2	4	1	1	2	1	1	1	2			2	1	47	SEA-1	69	4341	4776	4906
≥41	4	7	6	4	6	2	3	4	2	3	4	2	1	4	4	59	SEA-1	115	4276	4497	4768
≥34	30	13	12	11	8	8	6	4	10	3	6	4	3	4	3	73	780-1	198	3638	3833	4426
≥28	44	39	23	25	16	16	16	9	17	6	8	8	2	4	1	72	510-1	306	3160	3199	4359
≥22	65	65	46	30	24	26	13	10	13	8	11	9	2	4	2	43	216-1	371	2306	2324	4350
≥17	77	59	47	29	27	23	22	9	11	7	7	6	2	3	3	9	174-1	341	1553	1564	4338
≥11	105	57	32	25	12	10	9	7	4	1	1		2		1		90-1	266	752	757	4337
≥7	98	34	18	8	7	5	1										42-1	171	324	327	4333
≥4	50	17	2	4	1												30-1	74	111	111	4333

HOURS INTERVAL BETWEEN EVENTS

15 — 49.0N 128.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48	1	1				1	1		1							20	SEA-7	25	4110	5543	5571
≥41	3	4			4	1	1	4	1	1		1		1	1	42	SEA-4	64	4638	5606	5709
≥34	9	6	3	7	4	5	4	6	5	4	2	2	2	2	3	66	SEA-2	130	4681	5245	5578
≥28	19	13	12	19	8	5	9	10	7	6	4	5	6	6	2	79	SEA-1	210	3987	4309	5009
≥22	44	34	36	27	21	25	16	12	4	11		5	6	5	3	63	984-1	312	3017	3052	4473
≥17	61	58	36	30	37	20	16	11	6	5	1	7	7	4	1	37	252-1	337	2122	2141	4352
≥11	91	64	44	19	17	13	7	8	3	8	4	2		2		7	174-1	289	1055	1070	4334
≥7	88	42	33	14	7	5	8	1	2							1	102-1	201	491	496	4333
≥4	66	25	6	1	3	2											36-2	103	165	166	4333

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																10	SEA-7	10	3071	4800	4806
≥48	4	1		1											1	20	SEA-7	27	4460	5754	5801
≥41	2	3	3		1	1	1		2	1	1		1	1		34	SEA-3	51	3729	5572	5727
≥34	7	6	5	1	2		4	5	4	2	3		3	4		56	1350-1	102	3602	4474	4867
≥28	21	9	6	7	10	10	8	7	8	5	8	6	7	5	5	74	648-1	196	3430	3721	4541
≥22	51	33	28	26	19	17	24	13	10	12	9	8	6	6	4	47	384-1	313	2684	2808	4387
≥17	74	67	39	40	23	25	15	16	15	3	4	4	4	4	2	22	204-1	357	1869	1892	4346
≥11	96	81	44	31	17	5	8	6	3	1	2	1	3	1		1	120-1	300	877	881	4340
≥7	94	47	25	10	5	2	3		2			1				1	108-1	190	409	410	4334
≥4	78	30	18	7	4	3	1		2			1				1	108-1	145	313	314	4333

HOURS INTERVAL BETWEEN EVENTS

18 — 45.6N 144.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																9	SEA-7	9	2862	4378	4380
≥48							2	1							1	25	SEA-6	29	3963	5216	5255
≥41	8	4	3	3		4	1	2			1	3	5	1	2	52	SEA-4	89	4824	5780	5960
≥34	16	13	7	14	8	9	8	8	6	7	8	4	4	3	1	70	SEA-2	186	4443	4733	5291
≥28	37	29	25	18	29	12	16	8	11	8	3	5	4	7	3	65	582-1	280	3212	3306	4482
≥22	79	48	39	23	16	25	16	9	6	9	16	4	5	4	3	39	396-1	341	2272	2310	4403
≥17	83	43	47	31	27	13	13	14	10	6	4	4	2	4	2	9	210-1	312	1399	1431	4371
≥11	77	49	32	18	10	10	2	5				2	1			1	102-1	207	561	565	4351
≥7	55	31	14	4	3	5			1								54-1	113	229	233	4339
≥4	42	10	2	1			1										42-1	56	79	80	4332

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1			1												10	SEA-7	12	2847	4568	4574
≥48	1	1	2	1		1		1			1					26	SEA-6	34	4480	5788	5845
≥41	7	2	3	3	8		1	2	2	4	4	5	2	1	1	65	SEA-1	110	4244	4931	5154
≥34	32	15	11	19	17	12	10	13	10	4	7	7	6	4	4	66	1038-1	237	3753	4088	4749
≥28	64	40	37	14	23	11	17	10	7	12	4	6	10	8	2	54	486-1	319	2930	3046	4397
≥22	80	50	47	25	27	13	12	14	13	11	6	9	7	6	3	27	432-1	350	2152	2182	4339
≥17	98	47	38	39	23	13	15	10	4	8	5	3	3	3	3	9	264-1	321	1398	1420	4334
≥11	84	50	32	16	13	9	3	3	6	2	2		1			1	126-1	222	638	640	4332
≥7	80	30	14	8	6	2		3									48-3	143	280	280	4332
≥4	53	13	2	2													24-2	70	93	93	4332

HOURS INTERVAL BETWEEN EVENTS

21 — 43.7N 128.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																9	SEA-8	9	3174	4619	4620
≥48	1						1		1	2						27	SEA-4	32	3508	5358	5404
≥41	3	2	2	2	4	1	2	1	3	2			3	3	1	38	SEA-4	67	4924	5685	5811
≥34	11	8	3	5	4	6	3	4	2	3	3	4	4	4	1	56	SEA-4	121	5102	5615	5939
≥28	26	22	19	6	9	10	9	3	6	6	9	5	2	5	4	70	1608-1	211	4051	4229	4956
≥22	53	30	28	26	14	18	10	13	5	10	4	3	6	6	5	62	516-1	293	2941	2998	4481
≥17	68	45	30	28	17	18	17	16	6	9	9	8	5	6	5	32	240-1	319	2086	2120	4345
≥11	71	46	39	37	15	14	11	6	5	5	6	2	3	1	3	3	120-1	267	1050	1054	4333
≥7	75	44	20	18	7	9			4		1		1				78-1	179	444	446	4333
≥4	70	16	13	4		1	2										42-2	106	177	178	4333

HOURS INTERVAL BETWEEN EVENTS

4

WIND SPEED INTERVALS (Cont'd)

22 — 42.8N 167.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48	1	1		3						1		2				27	SEA-5	35	3797	5726	5779
≥41	3	4		4	2	1	2	1	3	2	2	2	1			50	SEA-2	77	3994	5112	5273
≥34	29	17	12	9	11	5	6	5	9	4	6	3	8	6	2	85	1716-1	217	3934	4133	4685
≥28	44	34	29	14	16	16	10	9	16	15	12	12	10	2	6	62	504-1	307	3148	3277	4451
≥22	69	71	58	32	20	26	15	17	21	13	8	6	7	6	2	23	282-1	394	2255	2288	4350
≥17	92	78	51	38	28	16	16	14	8	3	4	4	1		4	7	132-1	364	1414	1427	4336
≥11	108	65	33	15	8	2	7	4	1	1	4		1	1		2	102-1	252	653	657	4333
≥7	89	36	11	6	7	2			1		1						66-1	153	285	286	4333
≥4	62	9	5		1												30-1	77	100	101	4333

HOURS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																11	SEA-6	11	2858	5025	5036
≥48	4	2	1		1	1		1	1		2	2		1		48	SEA-3	64	4498	5114	5241
≥41	18	8	6	4	3	3	5	1	3	5	8	3	3	1	3	66	1644-1	140	4084	4289	4602
≥34	21	17	19	13	16	11	6	6	13	4	6	7	3	4	3	87	534-1	236	3646	3734	4456
≥28	45	29	46	26	28	17	21	17	17	8	4	6	9	7	8	57	396-1	345	3049	3084	4415
≥22	87	54	71	37	28	26	21	13	11	9	6	5	5	5	6	26	240-1	410	2210	2220	4354
≥17	112	92	53	57	29	14	11	11	5	3	1	3	4	4	2	7	120-2	408	1465	1471	4351
≥11	143	76	44	19	4	5	4	4	2	1	1	1					72-1	304	664	666	4339
≥7	127	33	9	6	2	1	2										42-2	180	274	275	4332
≥4	63	6	1														18-1	70	78	78	4332

HOURS INTERVAL BETWEEN EVENTS

25 — 40.2N 131.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																10	SEA-7	10	2868	4602	4606
≥41														1		14	SEA-7	15	3241	4794	4812
≥34				1			1	1	1				1		2	37	SEA-4	44	4351	5672	5763
≥28	9	7	5	2	3	4	5	4	5	1	6	1	2	4		70	SEA-2	128	4468	4856	5215
≥22	28	16	8	13	11	12	12	14	14	7	10	9	8	6	9	76	654-1	253	3475	3600	4523
≥17	43	47	25	30	23	21	17	21	15	12	6	11	7	9	10	41	360-1	338	2724	2785	4425
≥11	93	82	52	41	38	22	17	9	11	4	6	1	3	2	2	4	114-1	387	1474	1483	4343
≥7	112	72	54	22	12	8	3	4	1	2						1	102-1	291	713	718	4341
≥4	114	32	21	7	4	2	1	3		1						1	96-1	186	358	363	4333

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																9	SEA-8	9	2992	4438	4441
≥48	2			1	1	2		1							1	30	SEA-3	38	3789	4699	4747
≥41	2	1	3	5	4			1		1	1		1	1	2	51	SEA-1	73	3813	4390	4526
≥34	14	6	5	9	9	4	3	4	4	6	7	1	3	2	5	86	780-1	168	3967	4139	4532
≥28	34	21	17	20	20	14	10	10	12	13	7	8	6	12	13	71	528-1	288	3542	3608	4454
≥22	59	35	59	44	35	27	27	26	16	11	14	11	13	7	5	25	216-1	414	2678	2730	4355
≥17	93	104	83	54	46	20	28	13	12	8	6	7	4	2	1	3	120-1	484	1907	1915	4343
≥11	188	110	52	27	14	5	4	6		1	1	2					72-2	410	893	897	4334
≥7	161	56	21	7	5		2										42-2	252	403	403	4334
≥4	87	16	1	2													24-2	106	130	130	4334

HOURS INTERVAL BETWEEN EVENTS

28 — 36.1N 123.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																9	SEA-8	9	3013	4458	4459
≥41																15	SEA-8	15	3981	5452	5465
≥34	5	1			1	1		1		2			1			29	SEA-4	41	4359	5356	5423
≥28	7	2	7	1	2	2	7	4	5			1		4	1	61	1638-1	104	4177	4688	4935
≥22	15	13	9	8	10	6	8	5	9	4	10	1	6	8	9	74	1152-1	195	3520	3734	4420
≥17	43	30	25	16	23	17	17	17	9	13	10	11	6	3	9	55	294-1	304	2846	2985	4385
≥11	111	65	36	28	19	16	26	11	4	7	10	3	1	4	3	11	264-1	355	1552	1577	4334
≥7	101	63	36	12	14	11	6	6	4	4			1				78-1	258	698	708	4334
≥4	98	28	14	5	1	5	1										42-1	152	258	259	4333

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1														9	SEA-8	10	3025	4471	4473
≥48	2	1					1	1				1				24	SEA-6	30	3762	5537	5576
≥41	5	4	2	2		3	3	2			2	1	1		1	40	SEA-7	66	4881	6238	6359
≥34	15	12	11	4	8	8	4	4	1	3	4	2	2	4	3	67	SEA-2	152	4774	5770	6125
≥28	40	31	20	19	10	12	7	7	11	6	9	8	6	6	6	68	1872-1	266	4048	4192	5060
≥22	73	46	28	29	27	24	15	15	14	5	7	6	6	3		52	756-1	350	2872	2966	4636
≥17	81	76	46	29	27	25	14	12	12	5	7	3	2	3	2	27	468-1	371	2049	2062	4519
≥11	90	68	53	19	21	9	9	3	3	2	3	1	2			4	120-2	287	902	903	4354
≥7	104	42	24	10	3	4	1	2	1	1							60-1	192	381	381	4342
≥4	69	18	3			1	1										42-1	92	127	127	4338

HOURS INTERVAL BETWEEN EVENTS

31 — 35.6N 155.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48	2		1				1					1				15	SEA-9	20	4189	5456	5474
≥41	5	3	2		2	1	1	1	1	1	1				1	33	SEA-8	52	4771	6115	6207
≥34	12	6	7	2	8	3	7	12	2	4	3	5	1	5	4	53	SEA-4	134	4857	5883	6212
≥28	32	21	11	11	8	14	12	8	7	5	8	9	7	4	1	70	1584-1	228	4187	4429	5192
≥22	54	25	26	17	21	15	11	13	8	8	7	8	5	8	7	58	708-1	291	3112	3212	4709
≥17	50	44	46	46	20	17	7	21	13	8	11	5	5	5	3	25	408-1	326	2111	2167	4468
≥11	76	69	44	37	8	14	6	8	5	6	2	5		1	1	6	150-1	288	1056	1061	4368
≥7	104	41	23	14	3	1	6	1	2	1	1		2				78-2	199	447	448	4335
≥4	87	25	6	3	2	2						1					72-1	126	201	201	4333

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48									1							11	SEA-9	12	3649	4953	4960
≥41	4			1	1			1								23	SEA-6	30	3970	5620	5662
≥34	12	7	3	4	7	2	2	1	1	2	3			2	1	46	SEA-6	93	5343	6200	6406
≥28	25	16	14	11	8	9	3	7	3	3	4	2		4	1	64	SEA-2	174	4845	5310	5869
≥22	45	19	20	20	14	10	8	7	6	6	6	3	7	10	4	63	816-1	248	3371	3438	4681
≥17	47	44	37	22	25	15	11	17	8	6	13	6	5	4	6	38	402-2	304	2432	2470	4493
≥11	73	48	31	23	21	13	9	9	7	4	5	2	3	2		11	150-1	261	1147	1158	4344
≥7	73	34	22	12	8	4	5	2	4	1	1	3	1	1		2	108-2	173	526	528	4334
≥4	56	22	9	8	3	3	1										42-1	102	199	199	4333

HOURS INTERVAL BETWEEN EVENTS

34 — 34.2N 155.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48						1										11	SEA-8	12	3319	4765	4771
≥41					2		1			1				1		20	SEA-7	25	3752	4957	4983
≥34	9	2	2		2	3		3	1	1	3	2	3	2	2	56	SEA-2	91	4186	4760	4919
≥28	26	9	6	8	10	5	8	6	5	7	4	2	5	6	5	89	SEA-1	201	4192	4311	4768
≥22	46	27	27	26	25	22	21	15	7	20	9	9	11	14	6	57	486-1	342	3309	3312	4387
≥17	88	60	73	60	30	32	29	13	19	12	6	8	12	4	3	18	270-1	467	2437	2438	4372
≥11	130	96	76	42	20	21	11	7	2	3	4	1			2		90-2	415	1211	1211	4344
≥7	163	80	34	12	12	1	1	1									48-1	304	554	554	4336
≥4	118	21	3	2													24-2	144	177	177	4334

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48							1									13	SEA-8	14	3648	5192	5203
≥41				2	1	1				1		1	1			24	SEA-6	31	3720	5414	5455
≥34	6	4	4	3	1	3	5	5	4	3	3	2	1		4	63	SEA-3	111	4706	5466	5677
≥28	25	16	10	15	7	9	17	5	7	16	8	2	3	6	7	85	SEA-1	240	4196	4582	5193
≥22	49	50	55	33	44	27	18	11	13	8	9	11	16	9	8	45	312-1	406	2969	2976	4392
≥17	86	76	74	38	39	25	17	15	20	8	6	12	6	4	3	11	150-1	440	2051	2057	4380
≥11	125	92	64	27	19	13	7	8	1	1	2	1					72-1	360	948	949	4342
≥7	134	56	19	10	3	1	2		1								54-1	226	387	387	4338
≥4	86	14	3	1													24-1	104	127	127	4335

HOURS INTERVAL BETWEEN EVENTS

37 — 32.9N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥41																8	SEA-8	8	2944	4389	4389
≥34		1														8	SEA-7	9	2676	4451	4453
≥28	2	1	3	2	1			2					1	1	2	25	SEA-3	40	3867	4944	4999
≥22	13	6	3	2	3	1	3	2	2	1	4	2	2	2	2	57	1296-1	105	3827	4361	4607
≥17	41	17	16	11	11	9	7	8	8	9	15	4	2	4	4	70	672-1	236	3325	3679	4425
≥11	120	52	33	19	16	21	20	16	14	9	7	7	8	3	4	28	228-1	377	2126	2237	4337
≥7	131	67	38	21	26	18	6	7	6	2	1	4	2	2		3	102-2	334	1036	1063	4333
≥4	118	58	22	12	14	4	4	1	1	1							60-1	233	495	508	4333

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																9	SEA-8	9	3239	4684	4685
≥41																13	SEA-9	13	3850	5035	5042
≥34						1										24	SEA-11	25	5272	6005	6034
≥28	8		1	1	1	1		1	2	1	2					44	SEA-4	62	4917	6123	6253
≥22	15	7	3	4	6	8	3	3	1	4	5	6	4	2	2	65	1638-1	138	4150	4709	5133
≥17	38	15	19	10	13	11	9	14	10	6	5	8	6	4	2	71	420-2	241	3204	3342	4380
≥11	87	42	33	21	20	20	17	20	12	6	13	4	4	4	3	25	234-1	331	1978	2003	4359
≥7	99	50	40	26	21	15	9	4	2	4	2		4	3	1	1	96-1	281	918	924	4340
≥4	94	38	21	11	3	2	2	1				1					72-1	173	338	339	4333

HOURS INTERVAL BETWEEN EVENTS

40 — 29.6N 165.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-7	7	2576	4381	4381
≥48	1															9	SEA-6	10	2438	4455	4460
≥41	1										1					16	SEA-7	18	3069	4847	4869
≥34	8	1	4	1	2				1			1		1		27	SEA-5	46	3219	5270	5358
≥28	10	10	4	8	2	1	1	2	1	2	1	2	2	2	3	53	SEA-4	104	4221	5966	6247
≥22	31	17	20	17	7	10	12	9	4	3	12	3	1	3	5	59	SEA-1	213	4088	4386	5172
≥17	64	36	27	15	23	14	16	12	4	9	5	2	4	6	7	56	534-1	300	2904	3034	4580
≥11	75	64	43	37	29	19	18	9	3	4	2	3	7	1	4	11	174-1	329	1484	1499	4376
≥7	96	54	36	20	7	11	3	4	2	2		1					72-1	236	596	597	4346
≥4	65	27	11	4	2												30-2	109	178	179	4336

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																9	SEA-8	9	2981	4427	4428
≥41																9	SEA-8	9	2981	4427	4428
≥34				1												14	SEA-7	15	3358	4909	4919
≥28	4	3	1	1		1	1	1			1	2	1	1		31	SEA-6	48	4215	5729	5804
≥22	10	7	6	2	1	4	2	2	4	1	2	1		2		78	1122-1	122	3963	4368	4661
≥17	45	17	18	13	13	12	14	12	11	3	8	8	8	7	6	75	678-1	270	3521	3637	4436
≥11	81	58	49	37	41	38	16	17	16	8	11	9	4	4	5	15	222-1	409	2115	2140	4347
≥7	115	70	64	27	32	12	5	3	2	6	1	1	1	1	1		90-1	341	989	1002	4335
≥4	101	53	18	9	6	2	2										42-2	191	353	354	4334

HOURS INTERVAL BETWEEN EVENTS

TH
4389
5779
5273
4685
4451
4350
4336
4333
4333
4333

TH
4389
4606
4812
5763
5215
4523
4425
4343
4341
4333

TH
4389
4459
5465
5423
4935
4426
4385
4334
4334
4333

TH
4389
5474
6207
6212
5192
4709
4468
4368
4335
4333

TH
4390
4771
4983
4919
4768
4387
4372
4344
4336
4334

TH
4389
4389
4389
4453
4999
4607
4425
4337
4333
4333

TH
4381
4460
4869
5358
6247
5172
4580
4376
4346
4336

23 — 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																11	SEA-6	11	2858	5025	5036
≥48	4	2	1		1	1		1	1		2	2		1		48	SEA-3	64	4498	5114	5241
≥41	18	8	6	4	3	3	5	1	3	5	8	3	3	1	3	66	1644-1	140	4084	4289	4602
≥34	21	17	19	13	16	11	6	6	13	4	6	7	3	4	3	87	534-1	236	3646	3734	4456
≥28	45	29	46	26	28	17	21	17	17	8	4	6	9	7	8	57	396-1	345	3049	3084	4415
≥22	87	54	71	37	28	26	21	13	11	9	6	5	5	5	6	26	240-1	410	2210	2220	4354
≥17	112	92	53	57	29	14	11	11	5	3	1	3	4	4	2	7	120-2	408	1465	1471	4351
≥11	143	76	44	19	4	5	4	4	2	1	1	1					72-1	304	664	666	4339
≥7	127	33	9	6	2	1	2										42-2	180	274	275	4332
≥4	63	6	1														18-1	70	78	78	4332

HOURS INTERVAL BETWEEN EVENTS

24 — 41.0N 134.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48	1							1								17	SEA-8	19	3888	5509	5528
≥41	4		1			1	2	1			2			1	1	38	SEA-6	51	4878	5984	6074
≥34	10	6	11	5	7	5	6	4	4	5	2	2	2	2	1	58	SEA-3	130	4765	5591	5906
≥28	38	16	19	9	13	10	9	8	7	3	6	3	4	4	2	69	624-1	220	3566	3766	4527
≥22	65	34	24	31	25	11	12	12	9	6	10	5	5	3	4	50	492-1	306	2790	2867	4417
≥17	76	42	33	36	17	16	12	11	6	6	9	8	3	3	4	30	444-1	312	1954	1977	4366
≥11	82	49	30	21	16	21	6	4	5	5	3	2		1	2	4	204-1	251	931	933	4338
≥7	59	40	28	9	3	6	1	1	1	2			1			1	150-1	152	392	394	4335
≥4	49	15	8	2	1	1		1									48-1	77	130	131	4333

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																9	SEA-8	9	2992	4438	4441
≥48	2			1	1	2		1							1	30	SEA-3	38	3789	4699	4747
≥41	2	1	3	5	4			1		1	1		1	1	2	51	SEA-1	73	3813	4390	4526
≥34	14	6	5	9	9	4	3	4	4	6	7	1	3	2	5	86	780-1	168	3967	4139	4532
≥28	34	21	17	20	20	14	10	10	12	13	7	8	6	12	13	71	528-1	288	3542	3608	4454
≥22	59	35	59	44	35	27	27	26	16	11	14	11	13	7	5	25	216-1	414	2678	2730	4355
≥17	93	104	83	54	46	20	28	13	12	8	6	7	4	2	1	3	120-1	484	1907	1915	4343
≥11	188	110	52	27	14	5	4	6		1	1	2					72-2	410	893	897	4334
≥7	161	56	21	7	5		2										42-2	252	403	403	4334
≥4	87	16	1	2													24-2	106	130	130	4334

HOURS INTERVAL BETWEEN EVENTS

27 — 36.2N 127.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																9	SEA-8	9	3011	4456	4458
≥41	1															18	SEA-10	19	4512	5426	5447
≥34	1		2		2	4	1		2	1	1			1		33	SEA-8	48	5552	6480	6577
≥28	14	3	3	8	4	3	3	5	3	3		2	3	2	1	55	1644-1	112	4627	4943	5245
≥22	19	12	9	10	9	6	4	4	5	2	6	8	7	4	4	75	780-1	184	3623	3766	4535
≥17	43	16	21	16	23	7	20	13	15	10	7	6	3	3	4	60	630-1	267	2801	2863	4378
≥11	91	53	33	32	21	18	9	8	11	5	7	5	3	4	5	15	174-1	320	1546	1579	4338
≥7	74	50	44	22	8	7	10	2	3	1	3		1	1	1	2	120-1	229	710	724	4333
≥4	76	35	7	6	1		3						1				78-1	129	230	234	4333

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1														9	SEA-8	10	3025	4471	4473
≥48	2	1					1	1				1				24	SEA-6	30	3762	5537	5576
≥41	5	4	2	2		3	3	2			2	1	1		1	40	SEA-7	66	4881	6238	6359
≥34	15	12	11	4	8	8	4	4	1	3	4	2	2	4	3	67	SEA-2	152	4774	5770	6125
≥28	40	31	20	19	10	12	7	7	11	6	9	8	6	6	6	68	1872-1	266	4048	4192	5060
≥22	73	46	28	29	27	24	15	15	14	5	7	6	6	3		52	756-1	350	2872	2966	4636
≥17	81	76	46	29	27	25	14	12	12	5	7	3	2	3	2	27	468-1	371	2049	2062	4519
≥11	90	68	53	19	21	9	9	3	3	2	3	1	2			4	120-2	287	902	903	4354
≥7	104	42	24	10	3	4	1	2	1	1							60-1	192	381	381	4342
≥4	69	18	3			1	1										42-1	92	127	127	4338

HOURS INTERVAL BETWEEN EVENTS

30 — 35.7N 176.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																9	SEA-8	9	3274	4720	4721
≥48								1			1	1				19	SEA-8	22	4162	5185	5206
≥41		2	1	1	1	1	3	2	1		3		1	1	1	40	SEA-6	58	4842	6032	6120
≥34	12	11	7	4	3	4	5	8	3	3	2	2	5	4	4	65	SEA-2	142	4532	5726	6018
≥28	36	28	22	20	12	19	9	15	7	8	5	6	2	9	6	77	978-1	281	3794	4033	4789
≥22	82	61	47	41	29	25	17	18	9	6	10	9	9	3	6	43	372-1	415	2789	2801	4493
≥17	113	73	48	40	24	17	15	14	8	8	7	5	6	5	6	12	294-1	401	1821	1826	4385
≥11	119	67	43	21	13	15	6	4	5	3		1	1				78-1	298	795	797	4345
≥7	92	50	17	7	6	2	1				1						66-1	176	331	333	4344
≥4	62	14	1	2													24-2	79	101	102	4334

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48									1							11	SEA-9	12	3649	4953	4960
≥41	4			1	1			1								23	SEA-6	30	3970	5620	5662
≥34	12	7	3	4	7	2	2	1	1	2	3			2	1	46	SEA-6	93	5343	6200	6406
≥28	25	16	14	11	8	9	3	7	3	3	4	2		4	1	64	SEA-2	174	4845	5310	5869
≥22	45	19	20	20	14	10	8	7	6	6	6	3	7	10	4	63	816-1	248	3371	3438	4681
≥17	47	44	37	22	25	15	11	17	8	6	13	6	5	4	6	38	402-2	304	2432	2470	4493
≥11	73	48	31	23	21	13	9	9	7	4	5	2	3	2		11	150-1	261	1147	1158	4344
≥7	73	34	22	12	8	4	5	2	4	1	1	3	1	1		2	108-2	173	526	528	4334
≥4	56	22	9	8	3	3	1										42-1	102	199	199	4333

HOURS INTERVAL BETWEEN EVENTS

33 — 34.6N 145.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48					1											10	SEA-7	11	3015	4813	4818
≥41	3			1								1				15	SEA-6	20	3204	5196	5217
≥34	6	1	3	1					1	1	1	1	1	1	1	42	SEA-4	61	4402	5192	5294
≥28	11	6	4	4	2	3	3	8	4	2	7	2	7	1	3	75	1248-1	142	4082	4358	4657
≥22	30	22	26	14	15	21	19	16	12	4	10	12	5	7	6	75	492-1	294	3606	3649	4448
≥17	57	53	38	47	39	27	19	15	20	14	21	6	11	10	7	37	204-1	421	2850	2890	4359
≥11	134	92	74	67	31	17	17	16	8	7	5	2	5			1	126-1	476	1619	1625	4343
≥7	168	103	43	19	13	4	4	1	3	1							60-1	359	741	742	4340
≥4	136	43	8	5	2												30-2	194	276	276	4337

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48							1									13	SEA-8	14	3648	5192	5203
≥41				2	1	1				1		1	1			24	SEA-6	31	3720	5414	5455
≥34	6	4	4	3	1	3	5	5	4	3	3	2	1		4	63	SEA-3	111	4706	5466	5677
≥28	25	18	10	15	7	9	17	5	7	16	8	2	3	6	7	85	SEA-1	240	4196	4582	5193
≥22	49	50	55	33	44	27	18	11	13	8	9	11	16	9	8	45	312-1	406	2969	2976	4392
≥17	86	76	74	38	39	25	17	15	20	8	6	12	6	4	3	11	150-1	440	2051	2057	4380
≥11	125	92	64	27	19	13	7	8	1	1	2	1					72-1	360	948	949	4342
≥7	134	56	19	10	3	1	2		1								54-1	226	387	387	4338
≥4	86	14	3	1													24-1	104	127	127	4335

HOURS INTERVAL BETWEEN EVENTS

36 — 33.7N 123.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥41																14	SEA-6	14	3668	5343	5353
≥34	4		1	1							1	1		2		37	SEA-6	47	4676	6280	6361
≥28	8	3	2	1	2	1	4		1	1	5	4	2	1	3	69	SEA-3	107	4659	5441	5730
≥22	27	8	11	9	12	6	7	12	7	9	9	10	4	7	4	90	420-1	232	3515	3629	4489
≥17	45	29	24	14	21	28	17	22	15	17	13	7	13	6	10	44	210-1	325	2675	2741	4403
≥11	82	52	42	29	36	18	18	14	14	13	6	2	2		1	8	180-1	337	1501	1518	4364
≥7	101	51	28	29	20	5	6	4	4	2	1			1		1	144-1	253	712	718	4338
≥4	91	37	14	14	3	4	2	2		1	1		1			1	120-1	171	386	387	4336

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																9	SEA-8	9	3239	4684	4685
≥41																13	SEA-9	13	3850	5035	5042
≥34						1										24	SEA-11	25	5272	6005	6034
≥28	8		1	1	1	1		1	2	1	2					44	SEA-4	62	4917	6123	6253
≥22	15	7	3	4	6	8	3	3	1	4	5	6	4	2	2	65	1638-1	138	4150	4709	5133
≥17	38	15	19	10	13	11	9	14	10	6	5	8	6	4	2	71	420-2	241	3204	3342	4380
≥11	87	42	33	21	20	20	17	20	12	6	13	4	4	4	3	25	234-1	331	1978	2003	4359
≥7	99	50	40	26	21	15	9	4	2	4	2		4	3	1	1	96-1	281	918	924	4340
≥4	94	38	21	11	3	2	2	1				1					72-1	173	338	339	4333

HOURS INTERVAL BETWEEN EVENTS

39 — 29.9N 177.3W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																12	SEA-8	12	3425	4878	4884
≥34	5	1	1	1		3	1	2	2	1		1	2	1	1	22	SEA-5	44	3732	5565	5644
≥28	16	9	4	5	6	7	4	2	3	3	2	2	5	1	3	42	SEA-3	114	4717	5683	5965
≥22	30	18	25	10	9	11	5	9	6	2	3	1	1	6	5	70	1572-1	211	3920	4556	5333
≥17	70	35	19	27	20	19	14	12	6	6	7	11	6	8	3	52	702-1	315	2900	3058	4574
≥11	96	63	52	35	26	20	13	6	10	16	6	3	4		3	9	216-1	362	1567	1594	4363
≥7	117	73	49	25	11	6	3	2		2	2		2			1	102-1	293	723	730	4341
≥4	113	20	9	5	4	1											36-1	152	226	228	4339

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																9	SEA-8	9	2981	4427	4428
≥41																9	SEA-8	9	2981	4427	4428
≥34				1												14	SEA-7	15	3358	4909	4919
≥28	4	3	1	1		1	1	1			1	2	1	1		31	SEA-6	48	4215	5729	5804
≥22	10	7	6	2	1	4	2	2	4	1	2	1		2		78	1122-1	122	3963	4368	4661
≥17	45	17	18	13	13	12	14	12	11	3	8	8	8	7	6	75	678-1	270	3521	3637	4436
≥11	81	58	49	37	41	38	16	17	16	8	11	9	4	4	5	15	222-1	409	2115	2140	4347
≥7	119	70	64	27	32	12	5	3	2	6	1	1	1	1	1		90-1	341	989	1002	4335
≥4	101	53	18	9	6	2	2										42-2	191	353	354	4334

HOURS INTERVAL BETWEEN EVENTS

42 — 28.8N 139.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																10	SEA-8	10	3148	4593	4595
≥41																10	SEA-8	10	3147	4592	4595
≥34			1		1			1								16	SEA-9	19	4164	5580	5600
≥28	5	2	4			1	2				2	3	1	1		34	SEA-6	55	5018	6383	6497
≥22	27	8	3	2	4	4	3	1	4	4	5	3	3	1	3	57	SEA-2	132	4366	5060	5484
≥17	42	20	17	7	7	9	11	8	9	3	8	9	7	6	6	68	558-1	237	3289	3446	4532
≥11	104	38	27	32	17	19	15	10	13	6	8	4	8	5	2	16	228-1	324	1661	1706	4353
≥7	83	46	24	13	12	11	6	3	5	3	1		1		1	5	150-1	214	707	711	4348
≥4	69	20	21	4	5	3	1	1	1	1			1				78-1	127	278	278	4337

HOURS INTERVAL BETWEEN EVENTS

2

WINTER

WIND SPE

43 — 28.2N 125.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																10	SEA-7	10	2973	4708	4713
≥34	2	2	2		1								1			31	SEA-7	39	4442	5568	5635
≥28	23	9	4	4	1	1	2	1	3	3	4	2	3	1	1	65	SEA-5	127	4904	5667	6016
≥22	61	17	13	5	5	7	19	8	9	12	7	9	1	5	4	72	834-1	254	3481	3568	4646
≥17	70	22	28	18	27	10	16	9	8	8	15	8	7	4	5	47	306-1	302	2444	2499	4414
≥11	90	41	42	17	31	21	10	9	5	8	6	3	3	3		7	150-1	296	1225	1254	4351
≥7	97	45	37	23	9	5	4	1	1	1	1		1				78-1	225	544	554	4335
≥4	84	26	8	5	1	2	1										42-1	127	204	206	4334

HOURS INTERVAL BETWEEN EVENTS

44 — 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4610	4611
≥34	1											2				18	SEA-8	21	3965	5401	5421
≥28	3	3	1	3	1	2		1		2	1		1		1	36	SEA-4	55	4609	5225	5304
≥22	26	7	6	3	7	7	3	6	5	4	6	4	3	2	3	67	SEA-1	159	4208	4936	5297
≥17	45	19	18	12	20	16	17	9	12	7	8	10	7	8	6	69	546-1	283	3463	3512	4430
≥11	126	69	73	43	37	23	19	20	10	8	5	6	1	8	5	13	186-1	466	2023	2049	4346
≥7	131	82	70	41	21	9	7	6	1	3	1		1				78-1	373	988	990	4338
≥4	130	58	16	8	2	1	1										42-1	216	349	349	4334

HOURS INTERVAL BETWEEN EVENTS

46 — 26.1N 170.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4390	4390
≥34																10	SEA-7	10	3165	4731	4734
≥28	6	2	1			2					1	1	1			26	SEA-7	40	4746	5934	5999
≥22	12	1	2	3	4	3	4	5	3	3	1	1		2		58	SEA-2	102	4264	4757	5050
≥17	45	12	11	20	17	14	5	7	4	7	5	4	6	4	1	72	768-1	234	3560	3669	4449
≥11	108	52	42	54	35	21	20	11	12	12	13	8	8	4	3	20	306-1	421	2233	2247	4345
≥7	137	96	48	32	22	12	6	6	3	1	2		1		2	2	132-1	370	1016	1016	4341
≥4	140	55	14	6	2	2				1							60-1	220	348	348	4334

HOURS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥41																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4390
≥28	1															10	SEA-8	11	3189	4634	4638
≥22					1											28	SEA-3	29	3868	5280	5329
≥17	36	7	6	4	7	4	8	3	3	5	3			3	2	65	2034-1	156	4039	4550	4936
≥11	117	47	39	18	19	17	10	7	15	7	11	7	6	6	3	44	390-1	373	2419	2471	4353
≥7	121	41	46	27	13	16	16	12	7	6	3		1	1	2	8	156-1	320	1181	1199	4342
≥4	110	47	22	8	5	5	2	2	2	2	2	1					72-1	208	459	463	4335

HOURS INTERVAL BETWEEN EVENTS

49 — 22.6N 128.0E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41								1								9	SEA-8	10	3010	4447	4450
≥34						1		1								9	SEA-7	11	2888	4499	4512
≥28	9	1	3	2		2		1	1	2		1	1		2	30	SEA-7	55	4416	5494	5594
≥22	42	9	12	3	3	3	4	5	11	1	3	2	5	2	1	55	SEA-2	161	4301	5085	5598
≥17	81	31	18	19	12	13	16	6	6	12	4	6	2	5	3	55	486-1	289	3092	3268	4569
≥11	104	43	35	20	27	16	17	7	10	1	5	4	7		5	19	234-1	320	1578	1621	4390
≥7	108	50	28	16	19	4	10	3	5	6	2				1	1	114-1	253	730	736	4355
≥4	88	38	9	5	2	2		1									48-1	145	241	241	4335

HOURS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-7	8	2719	4441	4442
≥41																8	SEA-7	8	2719	4441	4442
≥34																11	SEA-6	11	2799	4739	4748
≥28	3	1			1											17	SEA-7	22	3562	5156	5201
≥22	15	6	5	4	1	2			2	2	1	1	2	2		55	SEA-3	98	4248	5064	5314
≥17	45	15	17	7	8	5	4	6	5	6	7	5	5	1	2	67	822-1	205	3366	3546	4425
≥11	94	34	34	21	20	16	18	12	9	12	1	6	5	5	3	33	408-1	323	2041	2119	4344
≥7	121	40	38	29	12	14	16	6	4	2		3	1	3		3	138-1	292	943	959	4334
≥4	120	33	16	5	6	3	3										42-3	186	323	326	4334

HOURS INTERVAL BETWEEN EVENTS

52 — 19.2N 127.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥41																8	SEA-8	8	2944	4369	4389
≥34																9	SEA-8	9	3178	4623	4625
≥28	3	1	2	1			1	1								27	SEA-3	36	4480	5342	5388
≥22	33	7	7	6	2	1	5	6	1		2	3	4	2	4	65	SEA-1	148	4114	4441	4752
≥17	116	53	30	25	13	6	18	13	5	10	7	10	3	3	6	57	792-1	375	3137	3207	4441
≥11	134	42	32	18	16	12	5	9	5	2	6	2	2	3	4	12	234-1	304	1176	1177	4339
≥7	71	32	10	9	4	1	5	2	1	3	3	1	2		1	1	102-1	146	420	421	4336
≥4	43	15	4	3	1	1	1			1							60-1	69	125	126	4333

HOURS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48	1				1											11	SEA-8	13	3341	4741	4750
≥41	6	1	1			1			1			1			1	22	SEA-7	34	3775	5112	5160
≥34	28	5	6	1	3	2	2			3	2	1	1	1	2	38	SEA-5	95	4522	5260	5484
≥28	41	18	13	3	5	3	3	3	5	7	3	5	2	2		58	SEA-1	171	4006	5049	5697
≥22	78	26	23	12	13	7	10	8	10	10	6	3	5	4	4	57	522-1	276	2977	3204	4591
≥17	86	36	30	14	16	13	14	5	11	5	4	5	5	5	4	39	342-1	292	2114	2237	4444
≥11	95	49	33	10	21	11	11	3	9	6	5	2	1		2	18	216-1	276	1246	1280	4393
≥7	108	41	26	14	14	5	7	4	6	1	2	1	1	1		1	120-1	230	648	654	4345
≥4	74	26	19	5	3												30-3	127	218	219	4337

HOURS INTERVAL BETWEEN EVENTS

55 — 17.6N 138.5E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																9	SEA-8	9	3108	4554	4555
≥41	1											1				13	SEA-9	15	3836	5149	5164
≥34	6		2			2	1	2	2	2						25	SEA-8	42	4563	5855	5952
≥28	26	12	5	3	1	4	3	2			4	2	3	1		53	SEA-3	119	4025	5246	5591
≥22	42	19	13	4	15	7	5	6		2	8	7	5	3	8	60	1134-1	204	3300	3628	4581
≥17	104	36	23	17	16	13	15	15	14	14	10	5	4	4		46	444-1	336	2439	2514	4421
≥11	107	45	30	16	16	11	14	4	8	3	5	1	2	1	1	10	210-1	274	1080	1109	4377
≥7	75	29	18	11	8	6	6	3		1	3						66-3	160	416	417	4337
≥4	62	19	9	6		1											36-1	97	157	158	4334

HOURS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥41																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28																12	SEA-8	12	3666	4979	4984
≥22	10	2	2	2	1	1	2	2	2		1	4				31	SEA-4	60	3957	4951	5029
≥17	37	18	17	6	7	3	6	8	6	6	5	5	6	1	4	66	SEA-1	201	3812	4405	4825
≥11	205	66	40	32	37	22	26	14	17	9	5	6	3	2	5	28	264-1	517	2327	2406	4380
≥7	188	76	33	21	15	8	9	8	4	3	1	1		2		1	138-1	370	913	919	4336
≥4	96	27	12	5	1	3	1	1		1							60-1	147	254	255	4333

HOURS INTERVAL BETWEEN EVENTS

58 — 14.5N 127.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																10	SEA-8	10	3029	4416	4418
≥34	1	1		2												15	SEA-7	19	3527	4585	4614
≥28	6	3	1	1	2		3		1	1		1	1	2		33	SEA-7	55	4632	5666	5840
≥22	31	7	6	3	5	6	2	7	6	4	1	1		3	3	54	SEA-3	139	4332	5117	5703
≥17	67	21	18	6	12	11	13	5	10	2	4	3	6	3	3	62	SEA-1	246	3350	3440	4800
≥11	133	36	25	19	17	14	12	10	6	6	9	4	3	2	4	18	258-1	318	1504	1522	4390
≥7	108	31	30	11	9	8	5	3	3	1	1	2	1			1	162-1	212	566	566	4353
≥4	50	24	6	5	3	1				1							60-1	90	167	167	4337

HOURS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28								1								13	SEA-7	14	3435	5011	5019
≥22	14	4	6	1	5	5	1	1			3		2	1	1	44	SEA-3	88	4233	5467	5641
≥17	61	27	18	8	9	4	11	6	3	7	6	4	6	3	5	56	2046-1	234	3552	3735	4679
≥11	114	35	39	14	13	7	7	5	10	2	5	1	3	2	5	25	288-1	287	1519	1526	4344
≥7	99	21	16	9	8	1	5	4	2	3		2	1	2	1	1	96-1	175	482	485	4335
≥4	34	11	12	2	4	1			1	1							60-1	66	145	145	4334

HOURS INTERVAL BETWEEN EVENTS

61 — 12.0N 156.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4390	4390
≥34																9	SEA-9	9	3312	4627	4630
≥28	4		1												1	21	SEA-6	27	3507	4535	4577
≥22	24	6	10	2	4	3	2	2	1	2	1		2		4	51	SEA-1	114	3589	4206	4511
≥17	86	27	33	16	10	9	7	8	7	4	6	2	5	4	3	60	660-1	287	3226	3313	4449
≥11	140	38	22	12	10	15	8	4	3	5	6	3	4	1		14	252-1	285	1166	1169	4342
≥7	46	16	11	5	6	2	1	2		2	1					2	234-1	94	283	283	4334
≥4	25	4	1	2	2	1		1				1					72-1	37	80	80	4334

HOURS INTERVAL BETWEEN EVENTS

62 — 4.1N 108.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28							1									10	SEA-8	11	3200	4437	4442
≥22	1		1		1		1				1					11	SEA-7	16	2815	4413	4442
≥17	2	2						2						1		14	SEA-7	21	2972	4367	4442
≥11	19	8	7	6	2	3	2	2		1	1	2				23	SEA-7	78	3439	4583	4906
≥7	62	20	22	6	8	6	4	1	4	4	5	3	1	2		27	SEA-6	175	3855	4598	5636
≥4	122	51	33	11	10	9	12	7	5	5	3	4	2	2	1	34	1842-1	311	2270	2548	4993

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

T*	TH
90	4390
90	4390
08	4713
68	5635
67	6016
68	4646
99	4414
54	4351
54	4335
06	4334

44 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4610	4611
≥34	1											2				18	SEA-8	21	3965	5401	5421
≥28	3	3	1	3	1	2		1		2	1		1		1	36	SEA-4	55	4609	5225	5304
≥22	26	7	6	3	7	7	3	6	5	4	6	4	3	2	3	67	SEA-1	159	4208	4936	5297
≥17	45	19	18	12	20	16	17	9	12	7	8	10	7	8	6	69	546-1	283	3463	3512	4430
≥11	126	69	73	43	37	23	19	20	10	8	5	6	1	8	5	13	186-1	466	2023	2049	4346
≥7	131	82	70	41	21	9	7	6	1	3	1		1				78-1	373	988	990	4338
≥4	130	58	16	8	2	1	1										42-1	216	349	349	4334

HOURS INTERVAL BETWEEN EVENTS

45 27.8N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥41																9	SEA-8	9	2999	4444	4445
≥34				1			2	1								20	SEA-8	24	4128	5338	5374
≥28	8	3		3	1	2	2	1	1	1	2	1	1		1	36	SEA-5	63	4237	5701	5844
≥22	28	12	8	9	2	3	5	3	3	4	4	6		1	3	60	SEA-1	151	4234	4633	5127
≥17	65	24	16	17	22	14	10	7	10	9	3	6	8	3	6	61	810-1	281	3178	3386	4629
≥11	95	49	34	36	21	18	12	9	8	4	5	3	6	1	1	17	168-1	319	1454	1495	4349
≥7	98	42	21	13	9	10	4	3	4	3	1	3		2		1	114-1	214	614	624	4337
≥4	70	28	10	4	4		1		1								54-1	118	208	212	4334

HOURS INTERVAL BETWEEN EVENTS

T*	TH
90	4390
90	4390
90	4390
731	4734
34	5999
757	5050
569	4449
247	4345
016	4341
48	4334

47 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥41																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28	1															10	SEA-8	11	3189	4634	4638
≥22					1											28	SEA-3	29	3868	5280	5329
≥17	36	7	6	4	7	4	8	3	3	5	3			3	2	65	2034-1	156	4039	4550	4936
≥11	117	47	39	18	19	17	10	7	15	7	11	7	6	6	3	44	390-1	373	2419	2471	4353
≥7	121	41	46	27	13	16	16	12	7	6	3		1	1	2	8	156-1	320	1181	1199	4342
≥4	110	47	22	8	5	5	2	2	2	2	2	1					72-1	208	459	463	4335

HOURS INTERVAL BETWEEN EVENTS

48 23.5N 151.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4390	4390
≥34																9	SEA-8	9	2997	4443	4444
≥28	4	2		1												20	SEA-5	27	3253	5166	5202
≥22	15	8	6	1	2	2	3	2		3	2	1	2		1	48	SEA-1	96	4048	5036	5315
≥17	55	11	11	7	9	5	6	8	7	8	2	5	4	4		72	666-1	214	3416	3585	4487
≥11	99	34	25	13	19	13	22	13	9	14	8	2	2	7	6	24	276-1	310	1838	1864	4341
≥7	111	54	33	24	13	18	6	3	2	1	4		4				78-4	273	777	785	4334
≥4	83	36	13	3	3	1	1		1								54-1	141	243	250	4334

HOURS INTERVAL BETWEEN EVENTS

T*	TH
390	4390
390	4390
447	4450
499	4512
494	5594
085	5598
268	4569
521	4390
36	4355
1	4335

50 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-7	8	2719	4441	4442
≥41																8	SEA-7	8	2719	4441	4442
≥34																11	SEA-6	11	2799	4739	4748
≥28	3	1			1											17	SEA-7	22	3562	5156	5201
≥22	15	6	5	4	1	2			2	2	1	1	2	2		55	SEA-3	98	4248	5064	5314
≥17	45	15	17	7	8	5	4	6	5	6	7	5	5	1	2	67	822-1	205	3366	3546	4425
≥11	94	34	34	21	20	16	18	12	9	12	1	6	5	5	3	33	408-1	323	2041	2119	4344
≥7	121	40	38	29	12	14	16	6	4	2		3	1	3		3	138-1	292	943	959	4334
≥4	120	33	16	5	6	3	3										42-3	186	323	326	4334

HOURS INTERVAL BETWEEN EVENTS

51 20.5N 177.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-7	8	2855	4440	4442
≥28	3	2				1										14	SEA-5	20	3006	4449	4480
≥22	9	3	3	1	4					1	1			1	2	42	SEA-2	67	4061	4825	5014
≥17	23	14	11	7	2	4	7	4	2	5	4	3	6	4	3	75	1272-1	174	3691	3896	4570
≥11	100	32	23	18	14	10	17	11	10	4	13	9	9	6	6	38	312-1	320	2161	2185	4341
≥7	83	49	37	24	20	17	19	10	5	7	6	2	2	2			84-2	283	1062	1067	4334
≥4	100	46	25	13	7	5			1								54-1	197	393	393	4334

HOURS INTERVAL BETWEEN EVENTS

T*	TH
389	4389
389	4389
389	4389
523	4625
342	5388
441	4752
207	4441
177	4339
121	4336
26	4333

53 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48	1				1											11	SEA-8	13	3341	4741	4750
≥41	6	1	1			1			1			1			1	22	SEA-7	34	3775	5112	5160
≥34	28	5	6	1	3	2	2			3	2	1	1	1	2	38	SEA-5	95	4522	5260	5484
≥28	41	18	13	3	5	3	3	3	5	7	3	6	2	2		58	SEA-1	171	4006	5049	5697
≥22	78	26	23	12	13	7	10	8	10	10	6	3	5	4	4	57	522-1	276	2977	3204	4591
≥17	86	36	30	14	16	13	14	5	11	5	4	5	5	5	4	39	342-1	292	2114	2237	4444
≥11	95	49	33	10	21	11	11	3	9	6	5	2	1		2	18	216-1	276	1246	1280	4393
≥7	106	41	26	14	14	5	7	4	6	1	2	1	1	1		1	120-1	230	648	654	4345
≥4	74	26	19	5	3												30-3	127	218	219	4337

HOURS INTERVAL BETWEEN EVENTS

54 18.2N 168.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥41																9	SEA-9	9	3312	4836	4841
≥34	2															14	SEA-7	16	3839	5412	5442
≥28	1	1	1		1	1		1	2			1			2	25	SEA-4	36	4189	5562	5667
≥22	26	5	6	3	2	5			4	2	3	2	1	1	1	56	1092-1	117	3635	4305	4702
≥17	70	21	12	6	4	7	13	7	6	4	2	3	4	4	3	69	912-1	235	3198	3388	4402
≥11	105	42	21	20	18	18	16	9	12	8	4	12	6	4	7	28	258-1	330	1923	1940	4337
≥7	107	40	38	18	21	12	10	4	3	3	1	1	1	1	1	5	126-2	266	868	876	4333
≥4	106	24	16	10	1	2	1	1		1							50-1	162	284	285	4333

HOURS INTERVAL BETWEEN EVENTS

T*	TH
390	4390
554	4555
149	5164
955	5952
246	5591
528	4581
514	4421
109	4377
317	4337
158	4334

56 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥41																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28																12	SEA-8	12	3666	4979	4984
≥22	10	2	2	2	1	1	2	2	2		1	4				31	SEA-4	60	3957	4951	5029
≥17	37	18	17	6	7	3	6	8	6	6	5	5	6	1	4	66	SEA-1	201	3812	4405	4825
≥11	205	66	40	32	37	22	26	14	17	9	5	6	3	2	5	28	264-1	517	2327	2406	4380
≥7	188	76	33	21	15	8	9	8	4	3	1	1		2		1	138-1	370	913	919	4336
≥4	96	27	12	5	1	3	1	1		1							60-1	147	254	255	4333

HOURS INTERVAL BETWEEN EVENTS

57 14.9N 147.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48	1															10	SEA-8	11	3219	4629	4632
≥41																10	SEA-8	10	3216	4626	4633
≥34						1										13	SEA-7	14	3558	5131	5122
≥28	10		4	1	3	1	7		1	2	2				1	41	SEA-1	73	3849	4970	5075
≥22	67	16	12	9	11	4	10	3	1	3	[illegible]		6	2	3	64	966-1	[illegible]	3759	4032	4555
≥17	122	30	40	16	19	16	14	9	15	10	6	9	3	7	7	52	492-1	375	2918	3029	4428
≥11	192	39	44	18	20	11	11	6	9	5	5	1	3	2	1	8	192-1	375	1207	1226	4342
≥7	113	17	21	15	8	6	1	2	4		1						66-1	188	416	418	4337
≥4	73	4	9	2		1											36-1	89	122	122	4334

HOURS INTERVAL BETWEEN EVENTS

T*	TH
390	4390
390	4390
416	4418
585	4614
566	5840
117	5703
440	4800
522	4390
366	4353
167	4337

59 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28								1								13	SEA-7	14	3435	5011	5019
≥22	14	4	6	1	5	5	1	1			3		2	1	1	44	SEA-3	88	4233	5467	5641
≥17	61	27	18	8	9	4	11	6	3	7	6	4	6	3	5	56	2046-1	234	3552	3735	4679
≥11	114	35	39	14	13	7	7	5	10	2	5	1	3	2	5	25	288-1	287	1519	1526	4344
≥7	99	21	16	9	8	1	5	4	2	3		2	1	2	1	1	96-1	175	482	485	4335
≥4	34	11	12	2	4	1			1	1							60-1	66	145	145	4334

HOURS INTERVAL BETWEEN EVENTS

60 12.2N 112.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																9	SEA-8	9	2988	4434	4435
≥34	6	2							1							14	SEA-8	23	3469	4704	4737
≥28	6	1	1	1				1	1	1	2	2				20	SEA-6	36	3527	5215	5346
≥22	25	12	7	3	2	5	4	2		3	1	3	1	5		39	SEA-5	112	4098	5397	5883
≥17	77	27	12	11	9	9	11	5	5	2	5	6		2	2	46	SEA-3	229	4380	5295	6499
≥11	121	48	28	11	7	11	8	4	9	5	6	2	2	2	1	32	546-1	297	1913	1961	4539
≥7	110	44	32	17	10	10	8	8	3	2	1		2	2	3	4	252-1	256	855	868	4398
≥4	85	25	13	9	5	4	1	1	1	1	1						66-1	146	304	304	4352

HOURS INTERVAL BETWEEN EVENTS

T*	TH
390	4390
390	4390
390	4390
627	4630
535	4577
206	4511
313	4449
169	4342
183	4334
80	4334

62 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28							1									10	SEA-8	11	3200	4437	4442
≥22	1		1		1		1				1					11	SEA-7	16	2815	4413	4442
≥17	2	2						2						1		14	SEA-7	21	2972	4367	4442
≥11	19	8	7	6	2	3	2	2		1	1	2				23	SEA-7	76	3439	4583	4906
≥7	62	20	22	6	8	6	4	1	4	4	5	3	1	2		27	SEA-6	175	3855	4598	5636
≥4	122	51	33	11	10	9	12	7	5	5	3	4	2	2	1	34	1842-1	311	2270	2548	4993

HOURS INTERVAL BETWEEN EVENTS

63 2.1N 123.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥41																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28																8	SEA-8	8	2944	4390	4390
≥22																8	SEA-8	8	2944	4390	4390
≥17																8	SEA-8	8	2944	4390	4390
≥11																9	SEA-8	9	3109	4555	4556
≥7	6	3	2	2	2	1		1	2		1	3		1		27	SEA-5	51	3081	4407	4473
≥4	216	49	58	11	13	6	10	3	5	2	8	3	1	1	7	25	1236-1	418	2222	2291	4353

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS

1 64.0N 166.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																7	SEA-6	7	2257	4264	4265
≥41																7	SEA-6	7	2255	4260	4265
≥34	1										1		1		1	13	SEA-7	17	3077	4488	4519
≥28	3	1	4		1	2	1		2	2		1	3	1	3	31	SEA-5	55	3451	4990	5143
≥22	14	1	4	4	7	5	2	6	1	6	8	4	6	2	3	47	2148-1	120	3889	4591	5114
≥17	18	16	10	12	14	13	9	10	6	7	11	5	3	2	2	56	936-2	194	3285	3519	4650
≥11	32	25	23	30	17	8	15	12	4	9	2	4	7	3	3	40	372-1	234	1997	2046	4382
≥7	46	43	35	23	14	17	10	5		4	5	3	3	5		11	210-1	224	1089	1094	4322
≥4	67	45	25	10	7	8	3	2	3	1	1			1		1	102-1	174	471	474	4246

HOURS INTERVAL BETWEEN EVENTS

2 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48											1					7	SEA-6	8	2265	4258	4265
≥41							1				1					10	SEA-6	12	2524	4250	4266
≥34	4	1		1		2		2		1			1	3	1	23	SEA-5	39	3308	4920	5000
≥28	4	2	2	2	7	3	5		3	3	3	5	1	4	2	44	SEA-1	90	3739	5213	5469
≥22	12	9	6	9	9	5	6	7	6	3	8	3	3	3	4	58	2058-1	151	3829	4410	5070
≥17	25	20	16	19	13	14	11	9	11	8	7	9	2	2	2	60	852-1	228	3150	3281	4538
≥11	55	35	30	27	19	12	7	12	8	2	5	8	1	3	1	34	372-1	259	1829	1880	4363
≥7	65	47	25	22	8	12	5	4	5	5	3	6	1	2	1	3	108-1	214	808	824	4260
≥4	69	28	13	9	3	3	3	5	2			1					72-1	136	324	325	4243

HOURS INTERVAL BETWEEN EVENTS

4 56.8N 174.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48		1						1		1						11	SEA-6	14	2802	4711	4724
≥41	1	1				1	1	1		1	1					21	SEA-7	28	3636	5071	5126
≥34	3	1	1	1	1	1	3	1	2		1	1		1	1	37	SEA-1	55	4033	5529	5690
≥28	6	3	3	5	4	4	5	1	5		2	1	3	3		56	1728-1	101	3861	4673	5053
≥22	14	8	12	8	9	8	10	2	5	2	6	9	3		6	62	1020-1	164	3409	3814	4640
≥17	38	20	16	25	11	14	13	8	6	3	12	9	4	7	8	52	600-1	246	2703	2834	4305
≥11	64	46	33	30	19	16	16	10	7	6	7	4	4	4	2	18	216-1	286	1567	1639	4258
≥7	67	61	33	12	14	9	1	7	4	2	1	3			1	5	162-1	220	744	783	4250
≥4	71	27	18	4	2	4	1	1	1	1	2				1		90-1	133	300	303	4241

HOURS INTERVAL BETWEEN EVENTS

5 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																8	SEA-7	8	2702	4369	4373
≥41																10	SEA-7	10	2802	4468	4480
≥34	2				2						1		1			23	SEA-7	29	3645	5210	5266
≥28	4		1	1	2	1	1	4	2	3	2	3	2	1	1	41	SEA-3	69	3620	5532	5747
≥22	10	9	5	5	7	4	11	5	5	5	6	4	2	1	6	61	1776-1	146	4233	4712	5288
≥17	25	14	19	16	17	11	16	8	15	5	4	3	9	8	1	60	1086-1	231	3278	3411	4525
≥11	53	39	38	28	20	18	17	15	8	6	7	11	7	2	3	31	330-1	303	2154	2171	4339
≥7	73	59	38	24	23	19	8	11	9	5	2	1	2	1		4	144-1	279	1070	1078	4266
≥4	87	44	21	13	4	3	2	2						1		1	114-1	178	391	394	4253

HOURS INTERVAL BETWEEN EVENTS

7 53.4N 164.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																9	SEA-6	9	2373	4359	4364
≥41							1	1	2							12	SEA-7	16	2852	4553	4574
≥34	3	2		1		1		3			1				1	28	SEA-6	40	3444	4932	5026
≥28	3	3	7	3	2	3	1	3	1	3	2	1	3	1	2	43	SEA-6	81	4237	5350	5618
≥22	14	12	7	8	9	9	9	2	4	5	5	6	7	2	3	58	1446-1	160	3739	4051	4720
≥17	32	26	26	15	18	11	11	9	9	9	4	3	6	5	4	53	762-1	241	2977	3147	4436
≥11	60	40	34	26	18	17	12	6	13	9	7	6	2	2	3	27	258-1	282	1770	1804	4249
≥7	79	44	33	34	13	10	9	2	7	4		2	1			7	180-1	245	884	900	4245
≥4	90	42	12	12	6	3	2		1	2							60-2	170	349	350	4241

HOURS INTERVAL BETWEEN EVENTS

8 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48	2						1		1							13	SEA-6	17	2986	4897	4920
≥41	1	1	2	1		2		1	1							25	SEA-5	34	3854	5155	5225
≥34	6	4	1	3	4	4		3			1	1	1	3	3	42	SEA-4	76	4270	5047	5240
≥28	11	9	7	11	7	3	2	6	3	2	2	2	2	4	5	59	SEA-1	135	3984	4375	4834
≥22	32	25	21	16	12	13	9	11	5	5	4	5	6	4	1	60	1032-1	229	3339	3533	4555
≥17	34	38	32	26	12	16	12	8	9	7	6	7	5	2	7	55	426-1	276	2588	2633	4318
≥11	91	49	40	22	17	12	19	8	6	7	2	8	5	3	2	13	300-1	304	1410	1422	4253
≥7	83	35	38	17	11	7	8		1	1	3	1		1	1	4	150-1	211	656	666	4246
≥4	62	23	24	4	3		2	1		1				1			84-1	121	257	259	4241

HOURS INTERVAL BETWEEN EVENTS

10 51.7N 135.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																8	SEA-6	8	2321	4421	4425
≥41								1								17	SEA-6	18	3192	4807	4831
≥34		2	4	2		1	2	2						2		34	SEA-4	49	3785	5459	5561
≥28	11	7	5	3	2	2	4		1	3	5	1	4	2	5	54	SEA-1	109	4603	5468	5789
≥22	29	23	11	16	10	5	12	8	11	5	13	5	10	5	3	62	1476-1	228	3981	4228	5050
≥17	54	34	25	27	15	20	8	15	10	16	11	12	6	4	1	50	798-1	308	2854	2946	4551
≥11	79	47	54	24	21	10	13	14	13	2	2	3	5	3	2	14	174-1	306	1412	1439	4318
≥7	86	44	35	10	13	5	4	2	1	3	4		2	1		2	102-1	212	614	617	4261
≥4	68	26	17	5	2	3	1			1							60-1	123	23[illegible]	238	4247

HOURS INTERVAL BETWEEN EVENTS

11 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																13	SEA-8	13	3399	4631	4648
≥41	4						1	2	1		3				1	30	SEA-7	42	4084	5217	5301
≥34	4	3	7	1	2	3	5	2	2	4		1		4	5	45	SEA-5	88	4794	5543	5782
≥28	17	16	11	14	9	6	6	4	7	6	4	2	5	4	3	65	1806-1	179	4510	4757	5344
≥22	44	32	26	11	12	15	11	9	5	15	8	[illegible]	6	6	6	56	1722-1	267	3434	3576	4820
≥17	50	50	30	28	22	22	14	16	15	11	3	1	6	7	2	34	570-1	311	2394	2440	4529
≥11	72	56	44	18	24	9	15	2	7	6	1	4		2	2	6	138-1	268	1044	1047	4261
≥7	81	34	27	20	5	3		4	2	1					1		90-1	179	440	441	4249
≥4	70	25	3	2	3												30-3	103	152	153	4241

HOURS INTERVAL BETWEEN EVENTS

13 50.3N 17[illegible].3W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64							1									6	SEA-6	7	221[illegible]	4264	4265
≥48					1						1	1	1	1	1	11	SEA-5	17	257[illegible]	4554	4582
≥41	2	1			1	3				1	2		1			24	SEA-4	35	3430	5120	5202
≥34	7	2	5	4	7	3	4		1	4	1	4		1	3	47	SEA-1	93	4481	5504	5734
≥28	16	5	13	11	7	6	4	1	2	7	7	2		3	1	64	SEA-1	149	4313	4510	5039
≥22	37	30	19	16	10	8	8	10	6	9	4	4	1	7	2	70	690-1	241	3153	3310	4401
≥17	58	48	50	21	16	19	8	5	10	8	3	4	7	9	5	43	510-1	314	2444	2468	4323
≥11	80	58	38	25	19	15	9	4	7	10	6	2	5	4	2	10	192-1	294	1305	1314	4267
≥7	96	44	29	15	8	7	8	3	3	1	2		1	1	1		90-1	219	594	600	4261
≥4	67	31	11	4	2	1	1				1	1					72-1	119	224	226	4247

HOURS INTERVAL BETWEEN EVENTS

14 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4264	4265
≥48	3					1	1	1	1						1	22	SEA-6	30	3513	4938	4982
≥41	1	2		1		3		1				2		2	1	34	SEA-4	48	3989	5091	5200
≥34	10	7	4	4	6	3		3	3		2	2	2	3	1	52	SEA-3	102	4251	4880	5174
≥28	14	18	17	6	9	2	5	2	7	6	5	5	2	3	5	64	SEA-1	170	4101	4350	4971
≥22	46	34	30	16	16	8	12	6	6	9	4	7	1	1	6	63	810-1	265	3107	3230	4479
≥17	54	47	39	22	18	19	10	13	11	6	6	6	8	9	1	42	486-1	311	2269	2297	4295
≥11	94	52	35	26	17	15	8	11	8	6	6	3	2		1	7	222-1	291	1146	1157	4271
≥7	90	37	31	12	13	6	3	4	3		2		1				78-1	202	521	523	4242
≥4	83	17	5	1	1	2											36-2	109	153	154	4241

HOURS INTERVAL BETWEEN EVENTS

16 47.1N 161.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-6	8	2330	4318	4320
≥48	1			2	1		2					1				15	SEA-6	22	2807	4512	4536
≥41	3		2	3	1	2		1		1		3		1		33	SEA-5	50	3467	5198	5294
≥34	4	16	3	8	5	3	3	5	2	3	4	1	2	3		49	SEA-4	111	4378	5375	5649
≥28	18	17	18	28	8	9	7	3	4	4	7	4	2	4	6	64	1998-1	203	4203	4641	5278
≥22	39	37	28	17	18	9	13	16	11	7	8	8	10	8	5	57	792-1	291	3286	3352	4640
≥17	62	52	36	25	25	20	18	7	7	5	10	9	6	10	5	34	780-1	331	2319	2337	4402
≥11	102	63	37	28	19	20	8	12	6	6	5	4	1	1	1	3	366-1	316	1173	1183	4304
≥7	98	49	32	17	12	2	6	1	1				1		1		90-1	220	519	522	4241
≥4	81	26	4	2	3		1										42-1	117	175	177	4241

HOURS INTERVAL BETWEEN EVENTS

17 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																8	SEA-6	8	2350	4407	4409
≥41	1															14	SEA-7	15	3137	4844	4859
≥34	1		1	1				1				1				28	SEA-6	33	3633	5241	5312
≥28	6	3	4	1	1	3	2	1			3	2		1	2	46	SEA-1	75	3671	5077	5280
≥22	18	10	12	9	8	3	6	5	6	7	6	7	5	1	5	70	1740-1	178	4129	4575	5137
≥17	36	36	22	14	24	15	4	10	22	13	9	4	4	6	4	53	750-1	276	3194	3373	4506
≥11	77	66	46	36	28	19	16	12	9	7	11	8	4	2		25	270-1	366	1970	2007	4309
≥7	124	71	39	31	19	14	10	5	8	2	3	2	2	3		3	144-1	336	1069	1073	4265
≥4	102	48	23	25	17	10	10	1	5	1	3	1	1		1	1	144-1	249	742	746	4265

HOURS INTERVAL BETWEEN EVENTS

19 44.3N 177.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4268
≥48	1	2							2							17	SEA-6	22	3096	4932	4970
≥41	3	2	1				1	1	2		3	1	1		2	29	SEA-5	46	3468	4966	5073
≥34	8	5	8	3	5	9	3	3	5	3	4	2	1	2	2	49	SEA-3	112	4870	5547	5842
≥28	22	16	16	20	5	5	9	7	6	1	6	6	2	4	2	74	1644-1	20[illegible]	3852	3960	4676
≥22	50	40	26	23	19	15	16	10	8	7	9	4	4	8	6	52	552-1	297	2902	2974	4415
≥17	73	41	40	28	28	14	14	14	10	8	7	5	5	6	3	30	252-1	326	2055	2089	4303
≥11	64	66	40	20	15	14	9	9	10	4	4	1	2		3	5	138-1	266	1045	1048	4266
≥7	73	52	27	11	8	4	6	4	2	1	1						66-1	189	479	480	4242
≥4	67	31	8	2	1												30-1	109	166	167	4241

HOURS INTERVAL BETWEEN EVENTS

20 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48	1															10	SEA-8	11	3052	4550	4557
≥41	3	1	2			1	1	1							1	21	SEA-8	31	3875	5327	5374
≥34	4	3	1	3	3	1			4	2		4	3	3		39	SEA-5	70	4827	5743	5931
≥28	12	9	6	6	8	3	8	9	2	3	5	9	6	4	3	65	SEA-1	158	4635	5087	5588
≥22	40	24	27	22	12	11	17	8	10	9	8	3	6	2	4	61	1086-1	264	3438	3484	4677
≥17	55	40	33	26	19	23	14	7	8	5	10	7	5	4	3	40	606-1	299	2416	2431	4475
≥11	65	40	27	25	21	13	10	4	7	7	5	5	2		1	10	210-1	242	1124	1128	4294
≥7	60	34	22	10	16	11	3	2		2	1		1			2	132-1	164	500	502	4257
≥4	47	32	6	4	4		1	1		1		1					72-1	92	197	199	4254

HOURS INTERVAL BETWEEN EVENTS

S

SPRING

2 — 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48											1					7	SEA-6	8	2265	4258	4265
≥41							1				1					10	SEA-6	12	2524	4250	4266
≥34	4	1		1		2		2		1			1	3	1	23	SEA-5	39	3308	4920	5000
≥28	4	2	2	2	7	3	5		3	3	3	5	1	4	2	44	SEA-1	90	3739	5213	5469
≥22	12	9	6	9	9	5	6	7	6	3	8	3	3	3	4	58	2058-1	151	3829	4410	5070
≥17	25	20	16	19	13	14	11	9	11	8	7	9	2	2	2	60	852-1	228	3150	3281	4538
≥11	55	35	30	27	19	12	7	12	8	2	5	8	1	3	1	34	372-1	259	1829	1880	4363
≥7	65	47	25	22	8	12	5	4	5	5	3	6	1	2	1	3	108-1	214	808	824	4260
≥4	69	28	13	9	3	3	3	5	2			1					72-1	136	324	325	4243

HOURS INTERVAL BETWEEN EVENTS

3 — 58.5N 151.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																8	SEA-6	8	2270	4306	4311
≥41																13	SEA-6	13	2727	4586	4606
≥34	2	2	1								1					23	SEA-6	29	3483	5272	5335
≥28	5	3	2		1	1		1	1	1	2	1			2	46	SEA-4	66	4315	5261	5451
≥22	10	7	4	2	5	7	8	8	6	3	2	3	4	5	5	65	2040-1	144	4408	4695	5187
≥17	16	23	19	17	9	18	10	12	4	3	9	6	4	6	7	63	1218-1	226	3662	3777	4822
≥11	65	45	35	26	24	17	17	12	7	9	9	9	3	3	3	37	618-1	321	2347	2375	4457
≥7	90	56	42	35	19	22	11	7	10	1		4	3	2	2	5	210-1	309	1208	1213	4299
≥4	102	51	29	15	11	4	3		2	1		2				2	150-1	222	547	548	4265

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																8	SEA-7	8	2702	4369	4373
≥41																10	SEA-7	10	2802	4468	4480
≥34	2				2						1		1			23	SEA-7	29	3645	5210	5266
≥28	4		1	1	2	1	1	4	2	3	2	3	2	1	1	41	SEA-3	69	3620	5532	5747
≥22	10	9	5	5	7	4	11	5	5	5	6	4	2	1	6	61	1776-1	146	4233	4712	5288
≥17	25	14	19	16	17	11	16	8	15	5	4	3	9	8	1	60	1086-1	231	3278	3411	4525
≥11	53	39	38	28	20	18	17	15	8	6	7	11	7	2	3	31	330-1	303	2154	2171	4339
≥7	73	59	38	24	23	19	8	11	9	5	2	1	2	1		4	144-1	279	1070	1078	4266
≥4	87	44	21	13	4	3	2	2						1		1	114-1	178	391	394	4253

HOURS INTERVAL BETWEEN EVENTS

6 — 54.9N 167.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																9	SEA-4	9	2284	4617	4625
≥41							1					1			1	15	SEA-4	18	2515	4695	4722
≥34		3	1		1	1		1	1	1	2	1	1	1	2	34	SEA-2	50	3618	5223	5339
≥28	9	5	9	8	4	4	2	6	1	5	4	6	3	2	3	49	SEA-1	120	4655	5073	5413
≥22	18	16	18	17	12	11	10	5	6	3	7	5	5	5	3	62	1728-1	203	3849	4123	4926
≥17	51	25	36	29	19	10	11	7	11	6	8	6	4	2	6	60	804-1	291	2810	2961	4517
≥11	83	63	40	23	17	19	11	11	15	5	5	3	3	1	2	17	198-1	318	1509	1522	4310
≥7	83	48	28	13	15	10	3	3	2	3	2	1	2	3		2	132-1	218	685	689	4281
≥4	64	28	11	4	2	2	5	2		1							60-1	119	252	253	4245

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48	2						1		1							13	SEA-6	17	2986	4897	4920
≥41	1	1	2	1		2		1	1							25	SEA-5	34	3854	5155	5225
≥34	6	4	1	3	4	4		3			1	1	1	3	3	42	SEA-4	76	4270	5047	5240
≥28	11	9	7	11	7	3	2	6	3	2	2	2	2	4	5	59	SEA-1	135	3984	4375	4834
≥22	32	25	21	16	12	13	9	11	5	5	4	5	6	4	1	60	1032-1	229	3339	3533	4555
≥17	34	38	32	26	12	16	12	8	9	7	6	7	5	2	7	55	426-1	276	2588	2633	4318
≥11	91	49	40	22	17	12	19	8	6	7	2	8	5	3	2	13	300-1	304	1410	1422	4253
≥7	83	35	38	17	11	7	8		1	1	3	1		1	1	4	150-1	211	656	666	4246
≥4	62	23	24	4	3		2	1		1				1			84-1	121	257	259	4241

HOURS INTERVAL BETWEEN EVENTS

9 — 51.7N 158.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-6	7	2276	4264	4265
≥48				1			1						1	1	1	12	SEA-6	17	2508	4382	4399
≥41	1	2		1			1					2			1	20	SEA-6	28	2950	4604	4659
≥34		3	1	1		1		1		1	1		1	1	1	29	SEA-5	41	3139	4920	5041
≥28	3	4	6	2	4	3	4	4		1	2	2	5	2	2	50	SEA-3	94	4358	5315	5618
≥22	17	11	14	17	16	4	5	4	9	2	3	3		6	3	63	1284-1	177	3537	4161	4871
≥17	29	29	31	31	14	10	12	5	10	10	7	3	5	4	7	54	720-1	261	3019	3145	4488
≥11	68	58	47	27	11	15	16	11	6	4	5	3	8	3	4	24	486-1	310	1752	1801	4305
≥7	109	52	34	16	13	12	7	1	2	3	3	1	1	1	2	5	138-1	262	814	826	4244
≥4	82	35	15	4	5	3		2		3							60-3	149	302	304	4241

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																13	SEA-8	13	3399	4631	4648
≥41	4						1	2	1		3				1	30	SEA-7	42	4084	5217	5301
≥34	4	3	7	1	2	3	5	2	2	4		1		4	5	45	SEA-5	88	4794	5543	5782
≥28	17	16	11	14	9	6	6	4	7	6	4	2	5	4	3	65	1806-1	179	4510	4757	5344
≥22	44	32	26	11	12	15	11	9	5	15	8	5	6	6	6	56	1722-1	267	3434	3576	4820
≥17	50	50	30	28	22	22	14	16	15	11	3	1	6	7	2	34	570-1	311	2394	2440	4529
≥11	72	56	44	16	24	9	15	2	7	6	1	4		2	2	6	138-1	268	1044	1047	4261
≥7	81	34	27	20	5	3		4	2	1					1		90-1	179	440	441	4249
≥4	70	25	3	2	3												30-3	103	152	153	4241

HOURS INTERVAL BETWEEN EVENTS

12 — 50.9N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48			1													7	SEA-6	8	2243	4295	4298
≥41	1	1		1			1							1		22	SEA-7	27	3810	4934	4974
≥34	5	1	6	1	3	3	1	2				1	2		2	43	SEA-6	70	4537	5766	5948
≥28	11	12	8	6	9	5	8	6	9	5	4	4	3	2	4	67	SEA-1	163	4742	4997	5514
≥22	40	21	22	13	19	13	12	17	6	14	4	8	5	2	6	63	1356-1	261	3477	3571	4797
≥17	46	38	35	30	15	22	14	9	8	11	9	5	6	6	3	37	480-1	294	2275	2298	4393
≥11	50	52	36	24	27	10	6	6	5	7	3	3	2	2	1	8	174-1	242	1059	1067	4276
≥7	61	38	29	15	8	6	2		2			2				1	114-1	164	435	438	4251
≥4	40	27	4	4		1	1	1	1								48-1	79	148	149	4244

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4264	4265
≥48	3					1	1	1	1						1	22	SEA-3	30	3513	4938	4982
≥41	1	2		1	1	3		1				2		2	1	34	SEA-4	48	3989	5091	5200
≥34	10	7	4	4	6	3		3	3		2	[illegible]	2	3	1	52	SEA-3	102	4251	4880	5174
≥28	14	18	17	6	9	2	5	2	7	6	5	5	[illegible]	3	5	64	SEA-1	170	4101	4350	4971
≥22	46	34	30	16	16	8	12	6	6	9	4	7	1	1	6	63	810-1	265	3107	3230	4479
≥17	54	47	39	22	18	19	10	13	11	6	6	6	8	9	1	42	486-1	311	2269	2297	4295
≥11	94	52	35	26	17	15	8	11	8	6	6	3	2		1	7	222-1	291	1146	1157	4271
≥7	90	37	31	12	13	6	3	4	3		2		1				78-1	202	521	523	4242
≥4	83	17	5	1	1	2											36-2	109	153	154	4241

HOURS INTERVAL BETWEEN EVENTS

15 — 49.0N 128.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																8	SEA-6	8	2447	4292	4294
≥41							1				1					10	SEA-6	12	2505	4338	4346
≥34							1		1		1					16	SEA-7	20	3371	4791	4820
≥28	2	5	1				1	2	1		1		2			35	SEA-5	50	3706	5527	5655
≥22	17	5	5	8	4	7	4	4	4	2	5	2	6	4	4	59	SEA-2	[illegible]	4447	4977	5409
≥17	30	29	18	13	18	10	16	9	9	6	8	7	10	3	4	69	1728-1	259	3521	3683	4721
≥11	84	50	43	28	23	10	16	14	5	10	5	4	7	5	2	24	198-1	330	1777	1801	4288
≥7	83	57	37	16	17	12	11	6	2	2	2	2	1	1		3	108-1	252	816	817	4247
≥4	63	40	18	7	4	4											36-4	136	269	270	4242

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																8	SEA-6	8	2350	4407	4409
≥41	1															14	SEA-7	15	3137	4844	4859
≥34	1		1	1				1				1				28	SEA-6	33	3633	5241	5312
≥28	6	3	4	1	1	3	2	1			3	2		1	2	46	SEA-1	75	3671	5077	5280
≥22	18	10	12	9	8	3	6	5	6	7	6	7	5	1	5	70	1740-1	178	4129	4575	5137
≥17	36	36	22	14	24	15	4	10	22	13	9	4	4	6	4	53	750-1	276	3194	3373	4506
≥11	77	66	46	36	28	19	16	12	9	7	11	8	4	2		25	270-1	366	1970	2007	4309
≥7	124	71	39	31	19	14	10	5	8	2	3	2	2	3		3	144-1	336	1069	1073	4265
≥4	107	48	23	25	17	10	10	1	5	1	3	1	1		1	1	144-1	249	742	746	4265

HOURS INTERVAL BETWEEN EVENTS

18 — 45.6N 144.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48												1				6	SEA-6	7	2220	4264	4265
≥41						1					1	1				12	SEA-5	15	2631	4941	4963
≥34	6			2	1		3	2			2	1			1	37	SEA-6	55	4418	5522	5652
≥28	11	7	6	7	5	6	5	3	7	4	2	5	3	3	3	55	SEA-2	132	4036	5152	5598
≥22	24	26	13	18	10	11	9	10	8	7	5	5	7	5	3	68	1548-1	229	3738	4037	5132
≥17	33	19	21	18	17	22	11	18	7	7	6	4	5	1	4	52	774-1	245	2671	2715	4634
≥11	55	36	32	26	17	23	11	9	2	3	5	3	8	2		9	390-1	241	1185	1198	4314
≥7	51	37	30	14	10	6	8	2	1			1	1			3	102-1	164	512	516	4250
≥4	57	25	7	3	4	2		1									48-1	99	180	183	4243

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48	1															10	SEA-8	11	3052	4550	4557
≥41	3	1	2			1	1	1							1	21	SEA-8	31	3875	5327	5374
≥34	4	3	1	3	3	1			4	2		4	3	3		39	SEA-5	70	4827	5743	5931
≥28	12	9	6	6	8	3	8	9	2	3	5	9	6	4	3	65	SEA-1	158	4635	5087	5588
≥22	40	24	27	22	12	11	17	8	10	9	8	3	6	2	4	61	1086-1	264	3438	3484	4677
≥17	55	40	33	26	19	23	14	7	8	5	10	7	5	4	3	40	606-1	299	2416	2431	4475
≥11	65	40	27	25	21	13	10	4	7	7	5	5	2		1	10	210-1	242	1124	1128	4294
≥7	60	34	22	10	16	11	3	2		2	1		1			2	132-1	164	500	502	4257
≥4	42	32	6	4	4		1	1		1		1					72-1	92	197	199	4254

HOURS INTERVAL BETWEEN EVENTS

21 — 43.7N 128.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																7	SEA-6	7	2226	4283	4284
≥41											1				1	10	SEA-7	12	2858	4436	4447
≥34	1		1						1					2		16	SEA-7	21	3464	4680	4713
≥28	4	2	2		1	1	1	1					1	2	1	33	SEA-4	49	4744	5780	5903
≥22	19	6	5	4	6	4	3	2	3	3		4	2	2	1	65	1404-1	129	4083	4684	5141
≥17	49	18	15	4	16	5	14	6	9	6	7	7	3	7	2	69	558-1	237	3279	3382	4414
≥11	63	50	29	30	24	20	14	14	10	16	7	4	2	1	5	23	258-1	312	1829	1868	4259
≥7	100	50	44	21	22	10	8	3	3	4	4				1	4	108-2	274	861	869	4248
≥4	96	42	10	8	3	2			1	1	1						66-1	164	299	300	4241

HOURS INTERVAL BETWEEN EVENTS

2

22 — 42.8N 167.5W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																10	SEA-7	10	2694	4487	4497
≥41									1			1				25	SEA-7	27	3583	5377	5419
≥34	7	1	2	3	1	1	1	4	1	3	3				3	39	SEA-6	69	4480	5501	5670
≥28	21	7	11	7	8	3	9	5	4	3	8	6	4	2	1	64	SEA-1	163	4373	4722	5222
≥22	27	30	17	25	16	11	14	13	8	5	6	9	4	2	7	62	840-1	256	3300	3387	4618
≥17	59	36	43	23	16	22	12	13	7	8	8	7	4	8	4	30	324-1	300	2173	2207	4318
≥11	76	50	30	39	16	9	13	4	7	3	3	4	2		1	7	156-1	264	1030	1037	4270
≥7	68	49	24	17	7	2	1	2	1	1	1	3					72-3	176	442	444	4251
≥4	59	23	7	1	1	1	1		1	1							60-1	95	167	168	4245

HOURS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-6	7	2238	4295	4297
≥48			1			1	1	1							1	13	SEA-7	18	2871	4557	4584
≥41			2		1		2	1				1			2	24	SEA-7	33	3793	5012	5075
≥34	4	2	3	6	1	3	2	3	1	2	3	1	2	3	3	49	SEA-3	88	4467	5372	5585
≥28	14	10	15	8	7	9	3	6	4	9	4	3	3	3	4	67	SEA-1	169	4318	4569	5085
≥22	30	33	32	16	17	11	11	8	15	7	6	8	4	8	4	67	798-1	277	3242	3330	4493
≥17	52	55	33	27	28	15	18	17	12	13	11	8	6	10	4	36	228-1	345	2437	2457	4361
≥11	83	71	38	35	20	21	15	10	8	4	4	3		1	3	4	126-1	320	1221	1228	4273
≥7	90	64	38	15	10	2	2	2	1		2						66-2	226	515	519	4241
≥4	76	31	5	4	1	1	1										42-1	119	187	190	4241

HOURS INTERVAL BETWEEN EVENTS

25 — 40.2N 131.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41												1				6	SEA-6	7	2220	4277	4280
≥34												1				8	SEA-6	9	2341	4274	4281
≥28			1							1		1		1		23	SEA-6	27	3459	4713	4747
≥22	5	4	2	5	1	1	1		1	1	1	2	4		2	46	SEA-1	76	3692	4758	4947
≥17	16	13	17	8	7	5	7	4	4	1	2	6	3	3	2	68	882-1	166	3541	4037	4549
≥11	74	54	37	33	15	26	10	8	12	14	9	9	9	5	8	40	450-1	363	2693	2789	4312
≥7	120	111	49	33	18	16	15	8	9	9	7	3	3	1	2	16	264-1	420	1693	1707	4257
≥4	124	83	41	34	12	12	15	9	4	5	3	2	2			14	264-1	360	1339	1352	4257

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-6	7	2235	4292	4293
≥48		3					1									11	SEA-7	15	2759	4382	4398
≥41	1	2		1		1	1									18	SEA-7	24	3290	4743	4785
≥34	2	3	1	1		4	1			1			1	1		37	SEA-6	52	3956	5636	5746
≥28	11	5	11	2	3	4	3	2	5	3	2	4	6	3	3	60	SEA-3	127	4436	5506	5838
≥22	17	23	14	17	17	13	9	11	3	10	6	5	3	5	4	72	1554-1	229	3773	3954	4735
≥17	42	52	41	29	20	18	14	14	7	14	7	8	5	3	4	58	456-1	336	2826	2871	4343
≥11	101	74	56	34	27	18	12	7	11	7	5	1	7	6	1	13	174-1	380	1605	1634	4276
≥7	124	86	34	19	16	7	7	2	3	2	1		1	2		1	126-1	305	781	785	4246
≥4	111	44	12	4	3	2	1	1									48-1	178	293	295	4245

HOURS INTERVAL BETWEEN EVENTS

28 — 36.1N 123.8W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																7	SEA-6	7	2392	4449	4450
≥34	3	2									2				1	20	SEA-6	28	3508	5379	5419
≥28	15	6	3	2	1		2	1	1	4	3	3			3	56	SEA-1	100	4289	4920	5168
≥22	61	41	28	7	5	8	15	4	10	5	7	2	5	4	8	75	1002-1	285	3205	3279	4382
≥17	77	60	44	6	9	20	9	8	7	13	6	2	5	9	7	30	528-1	312	2026	2055	4278
≥11	70	42	22	12	15	10	4	6	8	3	2		2	2	1	5	156-1	204	775	783	4243
≥7	54	31	9	7	4	6	2	1	1	1			1			1	96-1	118	297	299	4241
≥4	34	13	9		1		2										42-2	59	106	107	4241

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																7	SEA-6	7	2244	4262	4265
≥41									1							8	SEA-6	9	2510	4517	4523
≥34	1	1						1			1					16	SEA-6	20	3475	5397	5426
≥28	3					2	2		1			1			2	39	SEA-5	50	4121	5565	5681
≥22	19	5	3	4	2	4	6	2	1	1	2	1	2	2	7	68	SEA-1	129	4046	4588	4967
≥17	31	19	15	15	8	17	14	11	9	6	6	6	1	3	4	79	798-1	249	3420	3772	4761
≥11	68	41	41	28	20	29	19	13	12	7	9	4	7	4	8	20	276-1	330	1927	1954	4300
≥7	110	52	47	29	12	17	3	5	4	3		1	1	1	1	3	126-1	289	868	879	4272
≥4	85	35	15	11	2	5	1			1							60-1	155	301	303	4245

HOURS INTERVAL BETWEEN EVENTS

31 — 35.6N 155.2W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34								1								11	SEA-8	12	3207	4811	4820
≥28	4			1	1	2	1						1			28	SEA-7	38	4504	5841	5916
≥22	14	6	6	4	1	2	1		3	2		1	3	2	1	65	SEA-2	111	4616	5631	5951
≥17	31	13	10	13	6	10	9	5	6	5	6	2	7	7	4	70	1872-1	204	3795	4360	5225
≥11	66	28	30	25	13	28	16	19	10	6	12	5	8	5	3	32	684-1	306	2182	2233	4382
≥7	85	49	46	33	23	18	10	5	4	4	1	1	1	3		5	126-1	288	1034	1037	4260
≥4	92	47	27	6	9	2	3	1					1				78-1	188	390	391	4253

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																7	SEA-6	7	2230	4264	4265
≥34	1															9	SEA-6	10	2267	4255	4265
≥28				1						1	1		1			16	SEA-9	20	4215	5496	5539
≥22	5	1	2	1	2		1	4			3		1		1	47	SEA-4	68	4523	5400	5596
≥17	16	7	4	1	3	4	4	4	4	2	3	3	2	4	3	70	SEA-1	134	3984	4809	5374
≥11	46	28	11	17	18	7	9	14	11	8	15	7	7	6	4	52	414-1	260	2666	2780	4421
≥7	75	34	37	30	23	18	11	9	7	8	7	4	7	3	2	15	192-1	290	1490	1535	4299
≥4	94	45	30	22	14	5	6	4	3	3					1		90-1	227	608	635	4258

HOURS INTERVAL BETWEEN EVENTS

34 — 34.2N 155.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41				1			1									6	SEA-6	8	2219	4271	4273
≥34	2	1				1									1	13	SEA-6	18	2852	4462	4482
≥28	3	1	1	1		1		1		1			1		1	29	SEA-5	40	3379	4606	4694
≥22	16	6	5	2	5	4	3	6	5	3	1	3	1	3	7	70	2088-1	140	3804	4863	5237
≥17	39	21	16	7	19	10	16	16	15	16	8	6	6	7	6	65	1506-1	273	3497	3590	4643
≥11	53	45	57	36	41	20	19	17	10	12	7	7	3	3	4	18	204-1	352	1954	1973	4288
≥7	92	74	48	27	25	9	7	5	4	2	1	2	2		1	3	108-2	302	944	946	4249
≥4	121	42	19	8	1	4		1	2		1						66-1	199	360	362	4241

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 183.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48									1							6	SEA-6	7	2217	4274	4275
≥41								1							1	6	SEA-6	8	2231	4288	4291
≥34	1		1					1						1		15	SEA-7	19	3113	4668	4694
≥28	2	1			2	2	2	2		1	2			3	1	25	SEA-1	43	3217	4932	5017
≥22	7	3	7	6	8	7	4	3	2	6	5	4	5	2	2	72	1920-1	143	4287	4854	5224
≥17	32	23	20	18	18	18	9	5	10	11	8	13	6	7	3	71	846-1	272	3416	3521	4559
≥11	63	47	60	27	32	32	17	15	13	9	7	1	5	8	2	18	210-1	356	1920	1940	4295
≥7	99	57	57	29	14	18	5	4	3	2	3	1				2	138-1	294	878	886	4252
≥4	117	41	18	7	1	1		1	1								54-1	187	309	314	4242

HOURS INTERVAL BETWEEN EVENTS

37 — 32.9N 119.4W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																7	SEA-7	7	2576	4330	4333
≥28	3	3	6		1	4	1			1					2	37	SEA-5	58	4194	5290	5370
≥22	48	40	22	1	2	4	7		2	7	9	2	3	1	9	67	SEA-1	224	3882	4689	5239
≥17	70	67	44	3	5	11	28	8	5	13	12	6	5	13	6	48	462-1	344	2775	2800	4317
≥11	144	54	58	7	11	14	10	5	6	5	5	1	4	1	2	6	132-1	333	1083	1087	4259
≥7	71	20	21	1	9	8	2	1			1			1			84-1	135	318	319	4241
≥4	45	11	10	3	4	1	2										42-2	76	149	150	4241

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-5	6	2039	4399	4400
≥28																13	SEA-6	13	2955	4868	4885
≥22	11	3	4	1	2		3		2	1	1		1	1	1	52	SEA-2	83	4452	5415	5633
≥17	51	24	8	10	3	6	6	3	6	8	4	6	2	4	5	79	690-1	225	3413	3608	4441
≥11	81	38	19	18	14	14	9	9	13	9	9	8	2	3	3	29	312-1	278	1744	1760	4280
≥7	52	31	27	13	18	8	11	3	3	1	1	1	3	2	3	3	114-1	180	711	713	4246
≥4	50	23	14	10	4	1	2	2	1		1			1			84-1	109	268	269	4245

HOURS INTERVAL BETWEEN EVENTS

40 — 29.6N 165.0W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																7	SEA-6	7	2243	4264	4265
≥28																8	SEA-6	8	2306	4324	4333
≥22	10	1	1			2	1	1	1			1	1	1	1	28	SEA-6	49	4158	5305	5409
≥17	31	12	4	7	2	3	2	2	2	3	5			3	2	59	SEA-1	137	3776	4340	4831
≥11	80	30	19	18	11	12	10	14	8	9	6	5	2	7	5	52	438-1	288	2403	2567	4307
≥7	90	39	31	31	23	20	12	12	8	5	4	2		1	3	9	150-1	290	1223	1239	4243
≥4	94	43	25	18	11	4	1	3	2	1							60-1	200	457	460	4241

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																7	SEA-6	7	2444	4501	4502
≥34																7	SEA-4	7	2378	4584	4586
≥28	2						1					1		1		12	SEA-4	17	3223	5107	5125
≥22	8	4		1	3	2	2		2		2		1		1	58	SEA-1	84	3822	4532	4717
≥17	25	4	5	8	5	2	4	6	4	12	7	6	5	5	5	86	582-1	189	3585	3733	4371
≥11	54	29	27	29	23	18	20	27	17	12	9	11	8	6	7	31	318-1	328	2401	2456	4290
≥7	98	71	38	31	20	20	16	12	9	8	3	3	3	2		5	138-1	339	1304	1314	4264
≥4	84	58	24	18	9	6	3	1	1	1			1				78-1	206	486	489	4241

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

TH
4265
4497
5419
5670
5222
4618
4318
4270
4251
4245

23 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA- 6	7	2238	4295	4297
≥48			1			1	1	1							1	13	SEA- 7	18	2871	4557	4584
≥41			2		1		2	1				1			2	24	SEA- 7	33	3793	5012	5075
≥34	4	2	3	6	1	3	2	3	1	2	3	1	2	3	3	49	SEA- 3	88	4467	5372	5585
≥28	14	10	15	8	7	9	3	6	4	9	4	3	3	3	4	67	SEA- 1	169	4318	4569	5085
≥22	30	33	32	16	17	11	11	8	15	7	6	8	4	8	4	67	798- 1	277	3242	3330	4493
≥17	52	55	33	27	28	15	18	17	12	13	11	8	6	10	4	36	228- 1	345	2437	2457	4361
≥11	83	71	38	35	20	21	15	10	8	4	4	3		1	3	4	126- 1	320	1221	1228	4273
≥7	90	64	38	15	10	2	2	2	1		2						66- 2	226	515	519	4241
≥4	76	31	5	4	1	1	1										42- 1	119	187	190	4241

HOURS INTERVAL BETWEEN EVENTS

24 41.0N 134.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48																6	SEA- 6	6	2208	4265	4265
≥41																8	SEA- 6	8	2436	4262	4265
≥34								1								13	SEA- 6	14	2751	4418	4439
≥28	4	4	1	1	1	1		1		1		2	1	1		39	SEA- 6	57	4310	5772	5889
≥22	12	8	2	5	8	4	8	5	3	4	3	2	1	2	4	61	SEA- 1	132	4094	4807	5239
≥17	41	22	21	14	14	11	8	7	6	6	2	6	3	8	4	60	1320- 1	233	3325	3499	4547
≥11	53	33	31	28	15	21	18	9	15	6	5	7	8	6	1	28	330- 1	284	1878	1948	4308
≥7	76	42	32	17	17	13	11	3	5	5	2	4	2	1		3	282- 1	233	882	906	4250
≥4	80	27	20	15	5	3	2	2	1	1							60- 1	156	346	353	4241

HOURS INTERVAL BETWEEN EVENTS

TH
4265
4265
4280
4281
4747
4947
4549
4312
4257
4257

26 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA- 6	7	2235	4292	4293
≥48		3					1									11	SEA- 7	15	2759	4382	4398
≥41	1	2		1		1	1									18	SEA- 7	24	3290	4743	4785
≥34	2	3	1	1		4	1			1			1	1		37	SEA- 6	52	3956	5636	5746
≥28	11	5	11	2	3	4	3	2	5	3	2	4	6	3	3	60	SEA- 3	127	4436	5506	5838
≥22	17	23	14	17	17	13	9	11	3	10	6	5	3	5	4	72	SEA- 1	229	3773	3954	4735
≥17	42	52	41	29	20	18	14	14	7	14	7	8	5	3	4	58	456- 1	336	2826	2871	4343
≥11	101	74	56	34	27	18	12	7	11	7	5	1	7	6	1	13	174- 1	380	1605	1634	4276
≥7	124	86	34	19	16	7	7	2	3	2	1		1	2		1	126- 1	305	781	785	4246
≥4	111	44	12	4	3	2	1	1									48- 1	178	293	295	4245

HOURS INTERVAL BETWEEN EVENTS

27 38.2N 127.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48																7	SEA- 6	7	2225	4264	4265
≥41																7	SEA- 6	7	2224	4263	4265
≥34	1														1	8	SEA- 6	10	2383	4367	4374
≥28	5	3	2						1		3			3	1	35	SEA- 4	53	4230	5696	5832
≥22	24	12	2	3	4	3	7	4	2	3	3	5	3	4	2	75	1440- 1	156	3808	3998	4671
≥17	61	21	14	10	9	8	11	9	10	14	7	5	5	7	7	55	378- 1	253	2634	2671	4350
≥11	54	33	16	27	16	7	11	6	8	7	8	2	1	2	1	15	156- 1	214	1138	1143	4256
≥7	41	29	15	11	5	3	2	5	1	1	3	1			2	2	108- 1	121	414	416	4241
≥4	25	16	6	7	4	1		1						1	1		90- 1	62	166	167	4241

HOURS INTERVAL BETWEEN EVENTS

TH
4265
4265
4450
5419
5168
4382
4278
4243
4241
4241

29 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48																7	SEA- 6	7	2244	4262	4265
≥41									1							8	SEA- 6	9	2510	4517	4523
≥34	1	1						1			1					16	SEA- 6	20	3475	5397	5426
≥28	3					2	2		1			1			2	39	SEA- 5	50	4121	5565	5681
≥22	19	5	3	4	2	4	6	2	1	1	2	1	2	2	7	68	SEA- 1	129	4046	4588	4967
≥17	31	19	15	15	8	17	14	11	9	6	6	6	1	3	4	79	798- 1	244	3420	3772	4761
≥11	68	41	41	28	20	29	19	13	12	7	9	4	7	4	8	20	276- 1	330	1927	1954	4300
≥7	110	52	47	29	12	17	3	5	4	3		1	1	1	1	3	126- 1	289	868	879	4272
≥4	85	35	15	11	2	5	1			1							60- 1	155	301	303	4245

HOURS INTERVAL BETWEEN EVENTS

30 35.7N 176.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48																7	SEA- 6	7	2239	4296	4297
≥41											1					8	SEA- 6	9	2517	4305	4312
≥34					1			1								12	SEA- 5	14	2754	4673	4694
≥28			1	3		2	1	2	3	1	2	1				35	SEA- 5	51	4481	5599	5693
≥22	9	7	9	6	4	6	5	2	3	2	3	6	2	2	4	69	SEA- 1	139	3940	5011	5403
≥17	42	19	14	14	14	15	13	11	9	11	7	11	7	6	4	69	1290- 1	266	3459	3512	4526
≥11	58	57	36	38	28	28	18	11	14	9	9	7	5	5	2	17	198- 1	342	1882	1897	4265
≥7	98	66	45	33	9	9	12	11	1	1	1	3	1	2	1		90- 1	293	890	895	4248
≥4	104	44	22	6	4	1	3					1					72- 1	185	341	344	4247

HOURS INTERVAL BETWEEN EVENTS

TH
4265
4265
4265
4820
5916
5951
5225
4382
4260
4253

32 35.4N 142.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48																6	SEA- 6	6	2208	4265	4265
≥41																7	SEA- 6	7	2230	4264	4265
≥34	1															9	SEA- 6	10	2267	4255	4265
≥28				1						1	1		1			16	SEA- 9	20	4215	5496	5539
≥22	5	1	2	1	2		1	4			3		1		1	47	SEA- 4	68	4523	5400	5596
≥17	16	7	4	1	3	4	4	4	4	2	3	3	2	4	3	70	SEA- 1	134	3984	4809	5374
≥11	46	28	11	17	18	7	9	14	11	8	15	7	7	6	4	52	414- 1	280	2666	2780	4421
≥7	75	34	37	30	23	18	11	9	7	8	7	4	7	3	2	15	192- 1	290	1490	1535	4299
≥4	94	45	30	22	14	5	6	4	3	3					1		90- 1	227	608	635	4258

HOURS INTERVAL BETWEEN EVENTS

33 34.6N 145.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48			1													6	SEA- 6	7	2211	4264	4265
≥41			1													7	SEA- 6	8	2232	4263	4265
≥34		1		2											1	10	SEA- 5	[illegible]	2223	4467	4483
≥28	1	5		3					2				1	2		39	SEA- 4	53	4176	5527	5615
≥22	18	1	5	5	2	1	6	8	5	2	5	5	3	3	7	74	SEA- 1	150	4317	4980	5382
≥17	28	18	12	13	16	15	17	11	10	12	5	10	6	1	9	68	594- 1	251	3234	3318	4337
≥11	67	51	49	33	25	26	11	15	9	15	9	5	3	4	3	29	204- 1	354	2076	2104	4290
≥7	97	88	36	35	28	12	8	9	2	8		3	2			2	126- 1	330	1059	1066	4243
≥4	112	59	27	9		3		2		1		1					72- 1	214	403	408	4241

HOURS INTERVAL BETWEEN EVENTS

TH
4265
4265
4273
4482
4694
5237
4643
4288
4249
4241

35 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48									1							6	SEA- 6	7	2217	4274	4275
≥41								1							1	6	SEA- 6	8	2231	4288	4291
≥34	1		1					1						1		15	SEA- 7	19	3113	4668	4694
≥28	2	1			2	2	2	2		1	2			3	1	25	SEA- 1	43	3217	4932	5017
≥22	7	3	7	6	8	7	4	3	2	6	5	4	5	2	2	72	1920- 1	143	4287	4854	5224
≥17	32	23	20	18	18	18	9	5	10	11	8	13	6	7	3	71	846- 1	272	3416	3521	4559
≥11	63	47	60	27	32	32	17	15	13	9	7	1	5	8	2	18	210- 1	356	1920	1940	4295
≥7	99	57	57	29	14	18	5	4	3	2	3	1				2	138- 1	294	878	886	4252
≥4	117	41	18	7	1	1		1	1								54- 1	187	309	314	4242

HOURS INTERVAL BETWEEN EVENTS

36 33.7N 123.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4264	4264
≥48												1				6	SEA- 6	7	2220	4263	4264
≥41												1				6	SEA- 6	7	2220	4262	4264
≥34									1			1				7	SEA- 7	9	2597	4361	4366
≥28	3					1				1	1	2	1			17	SEA- 6	26	2875	4723	4755
≥22	8	5	3		3	3		2	1	2	4		1	3	5	42	SEA- 1	82	3417	4776	4954
≥17	26	11	12	6	11	2	10	5	4	4	6	6	9	1	7	64	978- 1	184	3607	3978	4551
≥11	75	44	31	23	22	17	13	13	13	9	7	11	3	11	6	39	474- 1	337	2529	2628	4301
≥7	96	66	37	29	25	20	15	14	8	7		5	1	2	2	14	162- 1	341	1464	1528	4256
≥4	99	56	27	22	16	15	8	13	5	6	3	1	3	1	1	6	144- 1	282	1048	1076	4249

HOURS INTERVAL BETWEEN EVENTS

TH
4265
4265
4265
4333
5370
5239
4317
4259
4241
4241

38 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48																6	SEA- 6	6	2208	4265	4265
≥41																6	SEA- 6	6	2208	4265	4265
≥34																6	SEA- 5	6	2039	4399	4400
≥28																13	SEA- 6	13	2955	4868	4885
≥22	11	3	4	1	2		3		2	1	1		1	1	1	52	SEA- 2	83	4452	5415	5633
≥17	51	24	8	10	3	6	6	3	6	8	4	6	2	4	5	79	690- 1	225	3413	3608	4441
≥11	81	38	19	18	14	14	9	9	13	9	9	8	2	3	3	29	312- 1	278	1744	1760	4280
≥7	52	31	27	13	18	8	11	3	3	1	1	1	3	2	3	3	114- 1	180	711	713	4246
≥4	50	23	14	10	4	1	2	2	1			1					84- 1	109	268	269	4245

HOURS INTERVAL BETWEEN EVENTS

39 29.9N 177.3W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48								1								6	SEA- 6	7	2216	4263	4265
≥41								1								6	SEA- 6	7	2216	4262	4265
≥34			2													7	SEA- 6	9	2249	4300	4309
≥28																11	SEA- 6	11	2911	5018	5046
≥22	9	1	1							1		1			1	34	SEA- 3	48	3886	5638	5759
≥17	18	8	4	5	1	2	4	3	4	2	4	1	1	3	2	62	1626- 1	124	3931	4508	4973
≥11	66	31	24	26	23	14	9	12	15	5	9	7	4	7	7	44	504- 1	303	2521	2678	4375
≥7	82	50	34	27	17	14	11	6	8	7	7	3	4	2	4	7	180- 1	283	1232	1295	4268
≥4	98	43	34	12	11	3	5	2	1								54- 1	209	487	476	4241

HOURS INTERVAL BETWEEN EVENTS

TH
4265
4265
4265
4265
4333
5409
4831
4307
4243
4241

41 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48																6	SEA- 6	6	2208	4265	4265
≥41																7	SEA- 6	7	2444	4501	4502
≥34																7	SEA- 4	7	2378	4584	4586
≥28	2						1					1		1		12	SEA- 4	17	3223	5107	5125
≥22	8	4		1	3	2	2			2		1		1	5	58	SEA- 1	84	3822	4532	4717
≥17	25	4	5	8	5	2	4	6	4	12	7	6	5	5	5	86	582- 1	189	3585	3733	4371
≥11	54	29	27	29	23	18	20	27	17	12	9	11	8	6	7	31	318- 1	328	2401	2456	4290
≥7	98	71	38	31	20	20	16	12	9	8	3	3	3	2		5	138- 1	339	1304	1314	4264
≥4	84	58	24	18	9	6	3	1	1	1			1				78- 1	206	486	489	4241

HOURS INTERVAL BETWEEN EVENTS

42 28.6N 139.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA- 6	6	2208	4265	4265
≥48																6	SEA- 6	6	2208	4265	4265
≥41																6	SEA- 6	6	2208	4265	4265
≥34																6	SEA- 6	6	2208	4265	4265
≥28			1													7	SEA- 6	8	2287	4344	4349
≥22	3	1	2								1					20	SEA- 6	28	3271	4844	5002
≥17	27	9	2	1	6	4	2	3	2		2	1	2	3	5	63	1590- 1	132	3778	4344	4717
≥11	89	33	21	11	15	10	11	9	14	4	9	5	9	2	5	39	336- 1	286	2114	2313	4281
≥7	88	31	19	15	13	11	13	7	8	8	6	7	1		1	4	108- 1	232	943	959	4250
≥4	68	39	19	11	6	6	3	1	1								54- 1	154	351	352	4241

HOURS INTERVAL BETWEEN EVENTS

4

WIND SPEED INTERVALS (Cont'd)

43 — 28.2N 125.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4264	4264
≥48																6	SEA-6	6	2208	4264	4264
≥41																6	SEA-6	6	2208	4264	4264
≥34												1				6	SEA-6	7	2220	4262	4264
≥28	2										1		1			9	SEA-5	13	2461	4256	4272
≥22	1		2			1	4			3			3		1	30	SEA-2	45	3226	4517	4611
≥17	9	8	9	8		3	8	5	4	4	7	3	4	8	3	64	1260-1	147	3456	3930	4384
≥11	70	44	35	28	14	19	24	16	10	8	10	10	4	7	7	45	234-1	351	2519	2596	4280
≥7	108	70	53	30	24	17	13	10	8	7	5	4	2		2	6	126-1	359	1330	1345	4254
≥4	137	68	24	14	10	9	7	3	3	3	1	1	1		1	1	102-1	283	703	710	4252

HOURS INTERVAL BETWEEN EVENTS

44 — 27.9N 150.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																7	SEA-6	7	2255	4443	4445
≥28	1	1	1													13	SEA-6	16	2710	4763	4784
≥22	4	3	3		1					1	1					30	SEA-1	43	3417	5220	5311
≥17	16	12	7	2	3	4	2	3	5	3	2	2	1	3	2	62	1902-1	129	4061	4590	4968
≥11	60	33	19	28	21	11	18	13	13	7	17	8	7	6	6	49	444-1	316	2847	2902	4405
≥7	107	64	41	38	26	20	9	14	6	4	4	1	2		1	14	198-1	351	1413	1443	4258
≥4	132	60	33	13	7	3	4	1	1							4	108-1	258	567	571	4254

HOURS INTERVAL BETWEEN EVENTS

46 — 26.1N 170.8E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28	1		1													7	SEA-5	9	2282	4337	4340
≥22	2	3	2	1	1		1							1		22	SEA-5	33	3703	4813	4879
≥17	27	10	7	3	1	2	2		2	3		1	1			54	SEA-1	113	3938	4572	4940
≥11	70	34	18	17	12	11	17	8	13	7	14	1	1	5	4	50	576-1	282	2671	2832	4422
≥7	90	31	26	16	20	12	14	9	9	4	5	6	4	3	1	14	312-1	264	1331	1365	4299
≥4	94	36	17	12	11	8	6	5	2	1			1	1	1		90-1	195	520	531	4248

HOURS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4263	4265
≥22																23	SEA-4	23	3526	5042	5068
≥17	29	15	9	8	2	1	2	2	1	3	5	1	2		1	68	2052-1	149	4348	4575	4913
≥11	132	58	35	20	21	16	15	8	10	7	11	4	10	2	7	40	354-1	396	2447	2463	4355
≥7	135	58	35	9	15	6	11	2	6	1	4	2	2	2	2	4	150-1	294	898	901	4252
≥4	67	25	15	4	4	3	2		1			1					72-1	122	251	252	4241

HOURS INTERVAL BETWEEN EVENTS

49 — 22.6N 128.0E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28	2	1									1					9	SEA-6	13	2444	4313	4328
≥22	5	2		3			1			1				1		18	SEA-2	31	2890	4726	4799
≥17	23	8	5	2	2	1	2	1	2	5	2			1	2	51	1374-1	107	3299	4157	4479
≥11	94	22	25	18	14	22	11	16	11	13	6	9	5	3	7	54	414-1	330	2780	2892	4323
≥7	170	70	53	27	14	13	11	12	5	2	5	3	2	4	2	6	132-1	399	1279	1302	4247
≥4	121	46	13	6	7	4	3	2			1						66-1	203	383	387	4241

HOURS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28	2	1	1		1											13	SEA-6	18	2834	4578	4601
≥22	7	8	3	3	1		2	1		1			2	1		27	SEA-4	56	3632	4772	4958
≥17	43	14	11	2	5	2	2	7	2	3	6	1	2	1	2	46	1428-1	149	2881	3736	4380
≥11	97	40	32	17	15	10	6	9	2	6	6	3	4	2	3	40	522-1	292	1991	2045	4277
≥7	109	30	28	17	15	7	8	3	2	2	3	2	4	3	3	3	102-1	239	801	817	4245
≥4	86	17	19	10	6	4	2		2	1							60-1	147	313	315	4244

HOURS INTERVAL BETWEEN EVENTS

52 — 19.2N 127.8W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41	1															7	SEA-6	8	2334	4391	4394
≥34																8	SEA-5	8	2377	4631	4639
≥28	2	2	1	1	1								1			22	SEA-4	30	3671	5029	5068
≥22	12	11	7	6	3	1	1	3	2			1	1	1	1	50	SEA-1	100	3462	4294	4546
≥17	81	27	26	17	13	13	15	7	10	6	10	3	6	3	7	64	2052-1	308	3338	3472	4453
≥11	148	47	34	15	22	6	20	5	5	5	1	2	5	2	1	14	360-1	332	1318	1326	4272
≥7	75	23	18	10	5	2	5		2		1		1	1		2	132-1	145	381	382	4241
≥4	39	4	1			2	1			1	1						66-1	49	90	91	4241

HOURS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																8	SEA-6	8	2540	4575	4577
≥41	1															8	SEA-6	9	2540	4703	4710
≥34	2					1					1		1			10	SEA-4	15	2605	4892	4917
≥28	7	2	1		1	1	1			2		1			1	18	SEA-2	35	3171	4880	4949
≥22	14	5	4	2	2		1		2		2	1		1	1	37	1386-2	72	3045	4626	4828
≥17	47	23	13	6	7	6	2	3	3	2	2	3	2	4	4	60	1092-1	187	3705	4053	4578
≥11	92	39	32	19	13	15	7	11	11	14	12	6	5	5	2	49	684-1	332	2758	2859	4287
≥7	168	86	52	17	28	17	16	21	10	9	9	7	4	2	2	8	288-1	456	1768	1812	4260
≥4	206	62	23	16	7	9	3	5	3	3	1	1	1	1		3	162-1	344	790	800	4253

HOURS INTERVAL BETWEEN EVENTS

55 — 17.6N 138.5E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4264	4264
≥48																6	SEA-6	6	2208	4264	4264
≥41																6	SEA-5	6	2181	4398	4399
≥34		1											1			8	SEA-5	10	2434	4492	4500
≥28	2			1			1			1			1	1		16	SEA-3	23	2521	4786	4827
≥22	11	5	4	4	2	1	2	3	1		1	1				45	SEA-2	80	3844	4679	4877
≥17	47	20	18	7	11	2	5	3	4	5	6	2	4	2	2	53	SEA-1	191	3655	3948	4655
≥11	95	48	27	15	11	17	14	5	8	6	7	5	1	5	4	42	414-1	310	2258	2297	4296
≥7	95	51	28	23	16	11	7	8	7	11	6	2	2	2	2	8	168-1	279	1143	1157	4250
≥4	99	38	24	13	5	2	3		1			1		1		1	132-1	188	414	417	4245

HOURS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4396	4397
≥34	2	1														8	SEA-6	11	2517	4431	4438
≥28	1	1						1								9	SEA-6	12	2582	4422	4438
≥22	1	2		1	1							1				20	SEA-2	26	3184	4963	5020
≥17	8	10	4	2	5	2	1	3		3	3		2		2	58	1782-1	103	3798	4535	4721
≥11	121	64	46	22	24	30	26	9	10	8	13	6	8	7	11	42	528-1	447	3090	3144	4403
≥7	239	88	42	34	22	12	16	6	5	2	4	1	3	1	3	4	204-1	482	1326	1333	4257
≥4	132	34	26	9	4	6	2	1									48-1	214	392	393	4247

HOURS INTERVAL BETWEEN EVENTS

58 — 14.5N 127.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																7	SEA-6	7	2248	4262	4265
≥34																8	SEA-6	8	2339	4326	4332
≥28	2															12	SEA-4	14	2747	4990	5007
≥22	5		2				1	3		1			1			21	SEA-1	34	2888	4770	4842
≥17	17	5	3	4	1	4	3			1	1	2	1		2	40	SEA-1	84	3587	4543	4776
≥11	78	39	26	11	18	10	18	6	3	11	14	4	5	4	6	55	720-1	308	3224	3318	4383
≥7	196	72	66	35	20	19	20	9	12	7	4	4	4	4		19	210-1	451	1833	1875	4263
≥4	174	69	37	15	9	11	3	4		1	1	2	1	2		2	120-1	331	769	777	4250

HOURS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34		1														8	SEA-6	9	2430	4372	4377
≥28								1								11	SEA-7	12	3286	5177	5193
≥22	8	2	1	2			1		2		4			1		23	SEA-5	44	4293	5189	5307
≥17	37	19	14	4	9	7	6	2	4	5	6	1	2	5	5	61	1794-1	187	3545	3806	4515
≥11	119	58	34	13	15	13	6	4	8	6	2	6	2		2	10	222-1	298	1148	1156	4257
≥7	45	11	4	2	2	1	1	4	1	1		1				1	126-1	74	194	196	4241
≥4	18	1	1	1	2		1										42-1	24	44	46	4241

HOURS INTERVAL BETWEEN EVENTS

61 — 12.0N 156.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																7	SEA-6	7	2451	4264	4265
≥28	1		2											1		11	SEA-6	15	2726	4464	4481
≥22	8	1	2	1	3	1	1		1	1	1			1	1	27	SEA-7	49	3503	5031	5146
≥17	51	15	18	4	6	3	5	3	4	3	4	1	5	2	1	52	SEA-2	175	4493	5061	5582
≥11	191	23	48	10	17	13	11	9	9	3	5	4	6	4	7	28	276-1	388	1956	1972	4280
≥7	85	28	19	6	5	6	2	1	2	3			2		2	1	126-1	162	430	432	4251
≥4	24	6	2	2							1						66-1	35	61	63	4241

HOURS INTERVAL BETWEEN EVENTS

62 — 4.1N 108.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥22																6	SEA-6	6	2208	4265	4265
≥17																6	SEA-6	6	2208	4265	4265
≥11	1		2	1			1									13	SEA-6	18	3034	4305	4329
≥7	5	7	5	2	4	2	2	1	1	1	2	1	1	2		31	SEA-3	67	3230	4358	4518
≥4	51	25	24	16	4	4	6	2	3	7	8	1	1	3	5	44	1746-1	204	3160	3797	4337

HOURS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																7	SEA-6	7	2255	4443	4445
≥28	1	1	1													13	SEA-6	16	2710	4763	4784
≥22	4	3	3		1					1	1					30	SEA-1	43	3417	5220	5311
≥17	16	12	7	2	3	4	2	3	5	3	2	2	1	3	2	62	1902-1	129	4061	4590	4968
≥11	60	33	19	28	21	11	18	13	13	7	17	8	7	6	6	49	444-1	316	2847	2902	4405
≥7	107	64	41	38	26	20	9	14	6	4	4	1	2		1	14	198-1	351	1413	1443	4258
≥4	132	60	33	13	7	3	4	1	1							4	108-1	258	567	571	4254

HOURS INTERVAL BETWEEN EVENTS

45 27.8N 145.6W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34															1	6	SEA-6	7	2223	4264	4265
≥28															1	8	SEA-5	10	2099	4446	4458
≥22	11	3	3								1		2	1		20	SEA-6	41	3764	5419	5513
≥17	37	16	12	7	2	5	3	4	3	3	1	1	3	4	2	49	1698-1	152	3410	3964	4491
≥11	95	35	18	9	16	11	7	5	9	3	7	7	7	5	8	37	372-1	279	1958	2092	4286
≥7	76	19	19	17	19	15	6	7	8	4	5	1			1	6	144-1	203	834	841	4246
≥4	56	25	11	8	4	7	2	2		2						1	120-1	118	303	305	4241

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4263	4265
≥22																23	SEA-4	23	3526	5042	5068
≥17	29	15	9	8	2	1	2	2	1	3	5	1	2		1	68	2052-1	149	4348	4575	4913
≥11	132	58	35	20	21	16	15	8	10	7	11	4	10	2	7	40	354-1	396	2447	2463	4355
≥7	135	58	35	9	15	6	11	2	6	1	4	2	2	2	2	4	150-1	294	898	901	4252
≥4	67	25	15	4	4	3	2		1			1					72-1	122	251	252	4241

HOURS INTERVAL BETWEEN EVENTS

48 23.5N 151.8W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																8	SEA-7	8	2606	4433	4435
≥22	5	2	3	1		1	1	2	1	1	4		1	1		26	SEA-6	49	3668	4931	5019
≥17	36	26	11	7	7	5	3	6	5	1	2	2		2	1	44	SEA-1	158	3709	4367	4974
≥11	120	29	33	13	11	14	11	5	11	7	9	4	4	6	3	26	276-1	306	1737	1780	4276
≥7	57	17	20	15	8	6	7	2	4	3	1		1	1	1	3	120-1	146	526	528	4242
≥4	35	18	9	5	1	2		1	1	1							60-1	73	162	164	4241

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28	2	1	1		1											13	SEA-7	18	2834	4578	4601
≥22	7	8	3	3	1		2	1		1			2	1		27	SEA-4	56	3632	4772	4958
≥17	43	14	11	2	5	2	2	7	2	3	6	1	2	1	2	46	1428-1	149	2881	3736	4380
≥11	97	40	32	17	15	10	6	9	2	6	6	3	4	2	3	40	522-1	292	1991	2045	4277
≥7	109	30	28	17	15	7	8	3	2	2	3	2	4	3	3	3	102-1	239	801	817	4245
≥4	86	17	19	10	6	4	2		2	1							60-1	147	313	315	4244

HOURS INTERVAL BETWEEN EVENTS

51 20.5N 177.1W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28	1							1						1		9	SEA-7	12	2852	4487	4496
≥22	9	4	1	1	1	1	1			1		1			1	25	SEA-7	46	4248	5180	5286
≥17	44	14	14	6	9	7	5	3	3	3	2		2	1	2	42	1350-2	157	3475	4061	4645
≥11	87	29	16	22	10	10	13	9	6	5	5	11	5	3	6	28	372-1	265	1873	1921	4271
≥7	57	30	25	8	18	6	9	6	3	2	3	1		1		3	120-1	172	621	623	4241
≥4	35	9	10	6	3	1	1							1			84-1	66	149	151	4241

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																8	SEA-6	8	2540	4575	4577
≥41	1															8	SEA-6	9	2540	4703	4710
≥34	2					1					1		1			10	SEA-4	15	2605	4892	4917
≥28	7	2	1		1	1	1			2		1			1	18	SEA-2	35	3171	4880	4949
≥22	14	5	4	2	2		1		2		2	1		1	1	37	1386-2	72	3045	4626	4828
≥17	47	23	13	6	7	6	2	3	3	2	2	3	2	4	4	60	1092-1	187	3705	4053	4578
≥11	92	39	32	19	13	15	7	11	11	14	12	6	5	5	2	49	684-1	332	2758	2859	4287
≥7	168	86	52	17	28	17	16	21	10	9	9	7	4	2	2	8	288-1	456	1768	1812	4260
≥4	206	62	23	16	7	9	3	5	3	3	1	1	1	1		3	162-1	344	790	800	4253

HOURS INTERVAL BETWEEN EVENTS

54 18.2N 108.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34	1									1						6	SEA-6	8	2219	4263	4265
≥28	3	2		3	1											10	SEA-6	19	2521	4500	4526
≥22	31	3	3	2	3		4	1	1	2	1		1			39	SEA-1	91	3451	4723	4966
≥17	66	15	24	13	7	4	7	5	5	2	4		3	4	2	57	732-1	218	3187	3485	4399
≥11	107	27	33	10	12	12	7	6	13	7	8	4	6	4	4	22	330-1	282	1558	1571	4262
≥7	56	19	11	10	5	4	7	4	5	1	1	1	1	1	2	1	108-1	129	450	451	4241
≥4	30	11	9	1	2	2		1			1						66-1	57	124	125	4241

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4396	4397
≥34	2	1														8	SEA-6	11	2517	4431	4438
≥28	1	1						1								9	SEA-6	12	2582	4422	4438
≥22	1	2		1	1							1				20	SEA-2	26	3184	4963	5020
≥17	8	10	4	2	5	2	1	3		3	3		2		2	58	1782-1	103	3798	4535	4721
≥11	121	64	46	22	24	30	26	9	10	8	13	6	8	7	11	42	528-1	447	3090	3144	4403
≥7	239	88	42	34	22	12	16	6	5	2	4	1	3	1	3	4	204-1	482	1326	1333	4257
≥4	132	34	26	9	4	6	2	1									48-1	214	392	393	4247

HOURS INTERVAL BETWEEN EVENTS

57 14.9N 147.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41	2															7	SEA-6	9	2419	4308	4314
≥34	2															10	SEA-6	12	2510	4402	4420
≥28	2		2													22	SEA-3	26	3522	4933	4988
≥22	33	4	9	1	4		6	2	1	1	7	3		3	2	39	SEA-1	115	4172	4915	5144
≥17	91	15	42	5	18	6	10	1	11	3	9	1	8	2	9	58	1452-1	289	3563	3774	4489
≥11	221	42	68	20	23	14	13	4	12	8	9	3		2	5	27	366-1	471	2027	2046	4290
≥7	185	47	41	18	12	12	7	1	3	4	4			1	2	3	126-1	340	875	881	4247
≥4	98	23	17	5	3	3	3				1						66-1	153	280	282	4241

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34		1														8	SEA-6	9	2430	4372	4377
≥28								1								11	SEA-7	12	3286	5177	5193
≥22	8	2	1	2			1		2		4			1		23	SEA-5	44	4293	5189	5307
≥17	37	19	14	4	9	7	6	2	4	5	6	1	2	5	5	61	1794-1	187	3545	3806	4515
≥11	119	58	34	13	15	13	6	4	8	6	2	6	2		2	10	222-1	298	1148	1156	4257
≥7	45	11	4	2	2	1	1	4	1	1		1				1	126-1	74	194	196	4241
≥4	18	1	1	1	2		1										42-1	24	44	46	4241

HOURS INTERVAL BETWEEN EVENTS

60 12.2N 112.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥22	2		1		1											9	SEA-4	13	2512	4419	4450
≥17	7	4	6	1	3	1	1	1						1		19	SEA-2	44	2769	4257	4372
≥11	53	32	16	10	11	6	6	3	2	3	1	2	2	4	4	52	876-1	207	3069	3509	4284
≥7	131	54	37	26	8	22	14	7	6	14	6	5	3	6	5	39	540-1	383	2353	2421	4260
≥4	177	60	48	25	19	16	11	11	4	9	6	4	1	2	1	17	294-1	411	1635	1647	4258

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥22																6	SEA-6	6	2208	4265	4265
≥17																6	SEA-6	6	2208	4265	4265
≥11	1		2	1			1									13	SEA-6	18	3034	4305	4329
≥7	5	7	5	2	4	2	2	1	1	1	2	1	1	2		31	SEA-3	67	3230	4358	4518
≥4	51	25	24	16	4	4	6	2	3	7	8	1	1	3	5	44	1746-1	204	3160	3797	4337

HOURS INTERVAL BETWEEN EVENTS

63 2.1N 123.6E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥41																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥22																6	SEA-6	6	2208	4265	4265
≥17																6	SEA-6	6	2208	4265	4265
≥11												1				9	SEA-6	10	2473	4318	4323
≥7	6	8	2	4		2	2		4	1	2	1	1	1	1	22	SEA-5	57	2905	4392	4478
≥4	186	46	46	10	18	8	8	4	3	3	7	4	1	2		36	SEA-3	362	3133	3807	5171

HOURS INTERVAL BETWEEN EVENTS

2

SUMMER

Columns 6 … 96+: HOURS INTERVAL BETWEEN EVENTS

1 64.0N 166.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																7	SEA-5	7	2402	4418	4420
≥34																9	SEA-2	9	2300	4402	4418
≥28					2			1	1							17	SEA-1	21	2561	4144	4205
≥22	4	6	3	2		2		1	1			1	1		3	36	1710-1	60	2940	3966	4182
≥17	16	10	5	3	1	7	4	6	6	5	7	4	3		3	55	690-1	135	2904	3432	4129
≥11	36	22	20	20	24	16	5	7	7	7	3	9	6	5	13	36	474-1	236	2215	2292	4104
≥7	56	41	37	20	23	17	8	5	6	6	6	6	3		4	10	198-1	248	1208	1216	4103
≥4	65	53	35	19	16	5	5	6	2	2	2			1			84-1	211	619	624	4101

2 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-5	7	2226	4264	4268
≥41																9	SEA-3	9	2277	4315	4326
≥34																15	SEA-2	15	2616	4274	4307
≥28	1		2					2	1	1		1		1	1	32	1842-1	42	3002	4103	4245
≥22	11	2	4	1	4	4	4	4	4		4	3	3		4	51	1188-1	103	3159	3770	4202
≥17	19	15	10	13	10	8	5	4	8	4	4	2	3	3	4	61	978-1	173	2848	3203	4154
≥11	34	37	30	25	17	19	12	11	12	8	5	7	6	2	6	29	252-1	260	1858	1934	4102
≥7	62	41	44	23	12	8	8	4	5	3	2	1	5	1	2	6	180-1	227	921	945	4100
≥4	65	32	20	9	6	1	2		2	1						4	126-1	142	374	375	4100

4 56.8N 174.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41	1															10	SEA-5	11	2441	4350	4355
≥34	2					1			1	1						19	SEA-1	24	2746	4129	4172
≥28	5	1	2	1		1		4				1		1		44	1602-2	60	3295	4066	4245
≥22	10	2	5	3	3	5	7	2	2	2	8	3	1	2	2	56	1056-1	113	3265	3663	4171
≥17	31	15	13	14	16	8	15	8	8	5	5	8	1	6	3	65	492-1	221	2743	2963	4139
≥11	52	32	40	22	25	18	17	6	9	8	6	8	4	4	4	17	186-1	272	1587	1637	4111
≥7	62	45	31	25	20	9	6	5	4	3	1	1	1	1	1	2	138-1	217	752	764	4106
≥4	64	28	20	9	5			3				1					72-1	130	277	279	4100

5 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																9	SEA-4	9	2602	4315	4323
≥34	1											1	2			15	SEA-2	19	2654	4227	4266
≥28		1				2	1			2		2			3	21	SEA-1	32	2748	4190	4288
≥22	6	5	4	3	4	2	3		2	4	1	1	4		4	46	1650-1	89	3165	3890	4193
≥17	14	9	11	7	3	9	4	10	3	3	6	6	4	5	6	63	606-1	163	3216	3400	4137
≥11	37	41	33	17	24	10	6	16	7	7	12	4	6	6	4	42	324-1	272	2197	2268	4108
≥7	60	51	31	21	19	15	14	7	8	7	3	2	2		1	12	174-1	253	1169	1204	4107
≥4	83	42	22	9	9	4	3	2	2	4	1		2			2	108-1	185	505	509	4101

7 53.4N 164.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-6	7	2508	4223	4224
≥41																8	SEA-6	8	2540	4222	4224
≥34															1	15	SEA-3	16	2697	4270	4292
≥28	2				1			1					1			22	SEA-1	27	2708	4165	4235
≥22	11	3	2	1	3	2		3	4	2	3	1	1	1	3	53	1206-1	93	3289	3873	4176
≥17	24	19	7	8	5	7	10	6	9	3	4	5	2		3	69	1074-1	181	3063	3316	4142
≥11	48	27	37	17	16	19	19	8	13	9	7	7	8	4	5	32	240-1	276	2027	2124	4116
≥7	68	49	39	26	19	14	13	9	7	6	6	3	1	3	2	2	162-1	267	1092	1103	4107
≥4	67	45	23	12	11	3	4	2	1	1	1	1	1			1	108-1	173	464	470	4103

8 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-6	7	2390	4392	4393
≥41			1		1											12	SEA-4	14	2655	4372	4388
≥34	2	1	1		1			1			2		1		1	20	SEA-1	30	3179	4189	4259
≥28	8	5			2	3		4		2	2	1		1		50	1410-1	78	3467	3975	4194
≥22	14	7	7	8	10	6	7	6	4	4	2	2	2	2	1	70	714-1	152	3251	3574	4167
≥17	38	24	20	20	14	11	12	13	9	7	12	5	4	8	4	57	336-2	258	2789	2908	4159
≥11	72	50	37	27	25	29	16	9	9	8	6	9	3	2	4	10	174-1	316	1552	1584	4111
≥7	83	51	31	18	14	13	6	5	4		1			1	2		90-2	229	671	681	4105
≥4	63	39	13	9	3	1	1										42-1	129	244	250	4100

10 51.7N 135.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-6	7	2500	4223	4224
≥41																9	SEA-5	9	2545	4278	4283
≥34			1	1	1	1		1		1		1			1	17	SEA-1	25	2650	4317	4354
≥28	2	3	1	1	2	3	2		2			1	1	2	2	32	2064-1	54	3048	4229	4352
≥22	10	9	7	5	5	5	4	3	6	1	1	3	2		3	51	1158-1	115	3022	3776	4189
≥17	26	19	10	10	8	6	15	4	6	4	6	4	2	1	5	68	678-1	194	2965	3205	4153
≥11	60	34	20	25	14	11	13	15	11	6	6	7	2	3	2	31	312-1	260	1796	1881	4114
≥7	69	45	27	26	13	11	8	7	4	2	4	3	3	1		5	144-1	228	867	884	4102
≥4	53	24	14	9	9	3	1	1	2				1				78-1	117	288	298	4101

11 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-5	6	2191	4266	4268
≥41	1										1			1		11	SEA-2	14	2472	4217	4237
≥34	5	1	1					1		1	2					29	SEA-1	40	2978	4139	4227
≥28	13	2	6	6	2	2	1	2	5	1	4	3	2	2	3	51	1506-1	105	3380	3939	4229
≥22	23	18	13	7	10	6	8	7	5	6	6	5	3	2	7	62	1098-1	188	3129	3305	4115
≥17	53	20	25	24	9	12	16	10	11	11	9	7	9	2	5	45	552-1	268	2378	2505	4108
≥11	55	32	34	35	15	24	8	11	5	6	7	2	1	3	2	9	144-1	249	1192	1247	4102
≥7	78	37	28	20	6	7	4	1	3	1	3		1			2	120-1	191	544	553	4101
≥4	51	23	8	7	1							1					72-1	91	169	173	4100

13 50.3N 171.3W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																10	SEA-5	10	2299	4160	4166
≥41	1					1				1						13	SEA-2	16	2352	4260	4279
≥34	5			2		1	1		1	2	1	2				28	1734-1	43	2986	4199	4289
≥28	8	7	4	3	2	3	3	2	6	4	4	2		4	2	45	1524-1	99	3178	3875	4173
≥22	22	8	8	5	6	12	6	2	4	4	4	6	7	4	8	68	1356-1	174	3107	3349	4140
≥17	39	25	25	26	18	12	11	12	9	9	8	10	6	5	4	52	336-1	271	2447	2586	4128
≥11	47	56	42	26	23	15	14	10	6	4	6	5	2	3	5	9	174-1	273	1312	1343	4107
≥7	72	42	28	19	10	7	7	4	1	5	1	1		1		1	126-1	199	606	616	4102
≥4	60	31	14	5		3	2		1	2							60-2	118	245	245	4100

14 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																8	SEA-6	8	2436	4391	4394
≥41		1									1					14	SEA-1	16	2758	4412	4441
≥34	1	2	1	2	1	1	1	1		1		2		2		29	1776-1	44	2959	4185	4282
≥28	13	5	6	4	1	1	1	4	3	4	5	2	1	2		54	1200-1	106	3392	3898	4208
≥22	25	20	7	9	8	8	6	2	6	2	4	1	2		2	80	558-1	182	3167	3407	4153
≥17	52	22	24	24	11	14	13	5	5	14	5	3	11	13	4	54	342-1	274	2575	2700	4135
≥11	82	56	35	33	21	16	10	10	9	12	3	3	7	2		9	156-1	308	1355	1419	4104
≥7	80	47	29	23	8	7	5	2	7	1	1		1			1	102-1	212	600	615	4100
≥4	69	35	9	3	1	2	1				1						66-1	121	213	223	4100

16 47.1N 161.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-4	7	2144	4289	4293
≥41		1														12	SEA-2	13	2526	4182	4196
≥34	3	1				1										21	2136-1	26	2994	4215	4267
≥28	6	5	2	1	2	1	1	1	1	2	2	1				46	1458-1	71	3202	4112	4289
≥22	20	5	8	9	2	7	2	4	3	3	2	4	2	2	2	69	768-1	144	3306	3636	4158
≥17	27	17	31	10	8	15	13	6	11	7	5	3	11	8	8	64	672-1	244	2890	3046	4148
≥11	74	58	42	32	32	25	22	7	7	10	3	2	9	3	3	14	336-1	343	1713	1757	4108
≥7	96	53	43	27	15	12	4	4	3	1	1	1	1			3	96-3	264	767	779	4106
≥4	92	35	13	5	2	2	3	1									48-1	153	272	277	4100

17 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4223	4223
≥48																6	SEA-5	6	2152	4249	4251
≥41																6	SEA-5	6	2152	4247	4251
≥34	1															13	SEA-2	14	2720	4724	4745
≥28											1		1			24	2154-1	26	3076	4518	4584
≥22	5	1	3	1		1	1		2	2	1	1	4	1	2	43	1536-1	68	3428	4112	4296
≥17	16	5	6	7	7	6	3	3	6	4	5	4	2	3	2	75	774-1	154	3340	3638	4167
≥11	43	37	20	25	17	19	16	14	12	13	3	8	4	1	5	57	276-1	294	2565	2620	4121
≥7	72	48	45	35	20	20	14	13	15	14	5	1	4	4	2	16	192-1	328	1644	1667	4112
≥4	78	50	48	24	15	24	11	9	13	10	4		4	2	2	15	192-1	309	1439	1461	4109

19 44.3N 177.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41	1							1								10	SEA-3	12	2312	4319	4327
≥34	1				1			1	1		1				2	24	SEA-1	31	2674	4283	4345
≥28	14	2	4	5	2	3	4	2	2	2	3	2	2	1		52	1230-1	100	3112	4015	4288
≥22	29	12	9	10	8	5	9	3	11	10	8	5	5	5	2	71	498-1	202	2904	3362	4155
≥17	52	33	22	22	10	6	18	12	14	8	7	9	6	11	3	51	298-1	284	2422	2576	4145
≥11	57	33	39	22	24	17	16	14	7	9	4	4	7	4	2	9	168-1	268	1374	1395	4109
≥7	75	44	40	22	10	8	5	6	5		1		1		1		90-1	218	636	648	4106
≥4	66	30	10	3	2	1	3	2	2								54-2	119	239	239	4100

20 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-5	7	2415	4256	4258
≥41																7	SEA-5	7	2413	4329	4334
≥34		1	1	1			1		2							19	SEA-2	25	2901	4472	4527
≥28	5	2		3	2	4	2	2	1	3	2		1	1	2	48	1500-1	78	3498	4210	4413
≥22	21	26	11	8	10	6	6	7	4	1	4	2	2	3	2	56	1224-1	169	3041	3553	4172
≥17	34	15	14	19	9	10	10	5	10	6	3	4	8	2	4	58	546-1	211	2754	2887	4143
≥11	60	32	19	34	13	15	10	11	10	6	9	9	3	1	3	20	288-1	255	1566	1622	4106
≥7	54	41	28	23	11	6	9	2	9	3	3	2		1	1	5	156-1	198	778	784	4103
≥4	59	31	15	6	5	2	2	1	5		1		1	1			84-1	129	332	332	4102

WIND SPEED INTERVALS

...	...	T•	TH
.8.7W			
8	4224	4224	
8	4224	4224	
2	4418	4420	
0	4402	4418	
1	4144	4205	
0	3966	4182	
4	3432	4129	
5	2292	4104	
8	1216	4103	
9	624	4101	

2 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-5	7	2226	4264	4268
≥41																9	SEA-3	9	2277	4315	4326
≥34																15	SEA-2	15	2616	4274	4307
≥28	1		2					2	1	1		1		1	1	32	1842-1	42	3002	4103	4245
≥22	11	2	4	1	4	4	4	4	4		4	3	3		4	51	1188-1	103	3159	3770	4202
≥17	19	15	10	13	10	8	5	4	8	4	4	2	3	3	4	61	978-1	173	2848	3203	4154
≥11	34	37	30	25	17	19	12	11	12	8	5	7	6	2	6	29	252-1	260	1858	1934	4102
≥7	62	41	44	23	12	8	8	4	5	3	2	1	5	1	2	6	180-1	227	921	945	4100
≥4	65	32	20	9	6	1	2		2	1						4	126-1	142	374	375	4100

HOURS INTERVAL BETWEEN EVENTS

3 58.5N 151.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4444	4445
≥34																10	SEA-3	10	2464	4485	4486
≥28		2	2	1	2						2	1		1		31	2116-1	42	3332	4255	4352
≥22	4	7	3	1	4	2	2	4	5	1		4	2	1	6	52	1224-1	98	3347	3869	4198
≥17	22	6	10	3	7	10	7	5	4	2	4	7	1	3	3	65	1050-1	159	3133	3439	4162
≥11	54	24	28	20	21	10	8	12	9	15	9	8	9	3	8	35	360-1	273	2253	2317	4118
≥7	65	44	42	22	22	15	15	9	4	7	5	3	1	1	5	12	156-2	272	1293	1304	4105
≥4	92	55	32	21	10	8	4	6		2		1			1	4	144-2	236	686	690	4100

HOURS INTERVAL BETWEEN EVENTS

...	...	T•	TH
4.8E			
8	4224	4224	
1	4224	4224	
1	4350	4355	
6	4129	4172	
4	4066	4245	
5	3663	4171	
3	2963	4139	
7	1637	4111	
2	764	4106	
7	279	4100	

5 58.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																9	SEA-4	9	2602	4315	4323
≥34	1											1	2			15	SEA-2	19	2654	4227	4266
≥28		1				2	1			2		2			3	21	SEA-1	32	2748	4190	4288
≥22	6	5	4	3	4	2	3		2	4	1	1	4		4	46	1650-1	89	3165	3890	4193
≥17	14	9	11	7	3	9	4	10	3	3	6	6	4	5	6	63	606-1	163	3216	3400	4137
≥11	37	41	33	17	24	10	6	16	7	7	12	4	6	6	4	42	324-1	272	2197	2268	4108
≥7	60	51	31	21	19	15	14	7	8	7	3	2	2		1	12	174-1	253	1169	1204	4107
≥4	83	42	22	9	9	4	3	2	2	4	1		2			2	108-1	185	505	509	4101

HOURS INTERVAL BETWEEN EVENTS

6 54.9N 167.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																9	SEA-5	9	2292	4162	4166
≥41										1		1				10	SEA-4	12	2282	4197	4210
≥34	2	1	1	1					3	1		2				21	SEA-1	32	2865	4197	4263
≥28	5	1	3	5	2	3	2		2		3		1		1	43	1536-1	71	3202	4058	4242
≥22	16	11	7	8	8	7	4	5	7	2	3	2	6	5	4	66	1374-1	161	3198	3544	4152
≥17	40	27	25	14	11	8	10	12	8	11	8	3	2	6	7	59	642-1	251	2689	2821	4136
≥11	43	44	35	32	22	12	16	21	9	9	3	4	5	3	1	13	210-1	272	1479	1514	4108
≥7	67	48	28	19	14	8	10	7	2	3	1	2	1	2	1	1	108-1	214	724	736	4100
≥4	58	32	10	6	6	3	3	1									48-1	119	253	258	4100

HOURS INTERVAL BETWEEN EVENTS

...	...	T•	TH
4.7E			
8	4224	4224	
0	4223	4224	
0	4222	4224	
7	4270	4292	
5	4165	4235	
9	3873	4176	
3	3316	4142	
7	2124	4116	
2	1103	4107	
4	470	4103	

8 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-6	7	2390	4392	4393
≥41			1		1											12	SEA-4	14	2655	4372	4388
≥34	2	1	1		1			1			2		1		1	20	SEA-1	30	3179	4189	4259
≥28	8	5			2	3		4		2	2	1		1		50	1410-1	78	3467	3975	4194
≥22	14	7	7	8	10	6	7	6	4	4	2	2	2	2	1	70	714-1	152	3251	3574	4167
≥17	38	24	20	20	14	11	12	13	9	7	12	5	4	8	4	57	336-2	258	2789	2908	4159
≥11	72	50	37	27	25	29	16	9	9	8	6	9	3	2	4	10	174-1	316	1552	1584	4111
≥7	83	51	31	18	14	13	6	5	4		1			1	2		90-2	229	671	681	4105
≥4	63	39	13	9	3	1	1										42-1	129	244	250	4100

HOURS INTERVAL BETWEEN EVENTS

9 51.7N 158.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																7	SEA-6	7	2495	4511	4512
≥48																8	SEA-3	8	2343	4359	4362
≥41																13	SEA-3	13	2837	4411	4423
≥34	2															17	SEA-2	20	2937	4426	4459
≥28	3	2	2	1		1						1		1		30	1620-1	42	3246	4245	4338
≥22	7	5	3	1	2	4	2	4	2	1	3	4	1	1	2	55	1452-1	97	3315	3889	4196
≥17	15	11	9	13	15	6	7	10	7	7	7	5	9	4	4	63	576-1	192	3067	3289	4143
≥11	35	43	26	20	21	17	12	14	16	10	7	10	1	6	4	32	450-1	274	2046	2125	4112
≥7	68	43	41	22	19	17	10	10	9	6	5	1	1	2	1	4	276-1	259	1082	1131	4100
≥4	84	36	27	18	9	4	3	2	3	2		2			1		84-1	191	500	521	4100

HOURS INTERVAL BETWEEN EVENTS

...	...	T•	TH
5.6W			
8	4224	4224	
0	4223	4224	
5	4278	4283	
0	4317	4354	
8	4229	4352	
2	3776	4189	
5	3205	4153	
6	1881	4114	
7	884	4102	
8	298	4101	

11 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-5	6	2191	4266	4268
≥41	1										1			1		11	SEA-2	14	2472	4217	4237
≥34	5	1	1					1		1	2					29	SEA-1	40	2978	4139	4227
≥28	13	2	6	6	2	2	1	2	5	1	4	3	2	2	3	51	1506-1	105	3380	3939	4229
≥22	23	18	13	7	10	6	8	7	5	6	6	5	3	2	7	62	1098-1	188	3129	3305	4115
≥17	53	20	25	24	9	12	16	10	11	11	9	7	9	2	5	45	552-1	268	2378	2505	4108
≥11	55	32	34	35	15	24	8	11	5	6	7	2	1	3	2	9	144-1	249	1192	1247	4102
≥7	78	37	28	20	6	7	4	1	3	1	3		1			2	120-1	191	544	553	4101
≥4	51	23	8	7				1				1					72-1	91	169	173	4100

HOURS INTERVAL BETWEEN EVENTS

12 50.9N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4299	4300
≥41									1			1				11	SEA-3	13	2719	4464	4475
≥34	4	1	1	1			3	1								19	2160-1	30	2775	4332	4389
≥28	5	4	2	2	3	3	2	1			2	2	1	1	1	43	1806-1	72	3051	4023	4226
≥22	19	6	11	11	7	2	7	5	6	8	5	4	4	5	3	62	840-1	165	3263	3480	4131
≥17	56	33	22	19	11	12	9	13	11	13	7	8	7	4	5	45	390-1	275	2533	2624	4106
≥11	49	34	26	24	14	15	6	13	6	3	6	2	3	1	2	18	222-1	222	1268	1278	4103
≥7	56	29	18	16	14	9	4	2	1	2	1		1	3	1	2	174-1	159	566	568	4100
≥4	48	21	14	7	4	4	1	1								1	108-1	102	246	246	4100

HOURS INTERVAL BETWEEN EVENTS

...	...	T•	TH
1.3W			
8	4224	4224	
9	4160	4166	
2	4260	4279	
6	4199	4289	
8	3875	4173	
7	3349	4140	
7	2586	4128	
2	1343	4107	
5	616	4102	
5	245	4100	

14 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥54																6	SEA-6	6	2208	4224	4224
≥48																8	SEA-6	8	2436	4391	4394
≥41		1									1					14	SEA-1	16	2758	4412	4441
≥34	1	2	1	2	1	1	1	1		1		2		2		29	1776-1	44	2959	4185	4282
≥28	13	5	6	4	1	1	1	4	3	4	5	2	1	2		54	1200-1	106	3392	3898	4208
≥22	25	20	7	9	8	8	6	2	6	2	4	1	2		2	80	558-1	182	3167	3407	4153
≥17	52	22	24	24	11	14	13	5	5	14	5	3	11	13	4	54	342-1	274	2575	2700	4135
≥11	82	56	35	33	21	16	10	10	9	12	3	3	7	2		9	156-1	308	1355	1419	4104
≥7	80	47	29	23	8	7	5	2	7	1	1		1			1	102-1	212	600	615	4100
≥4	69	35	9	3	1	2	1				1						66-1	121	213	223	4100

HOURS INTERVAL BETWEEN EVENTS

15 49.0N 128.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																10	SEA-6	10	2751	4455	4464
≥28					3								1	1	1	15	SEA-1	21	2398	4353	4386
≥22	4	4	2	1			1		1		2	1	2	1	1	34	2172-1	54	2983	4133	4272
≥17	14	7	12	5	2	4	1	3	4	4	3	5	1	2	2	57	1692-1	126	3321	3765	4192
≥11	59	45	32	16	12	13	17	12	11	8	8	6	2	4	5	46	396-2	296	2417	2524	4119
≥7	97	54	47	23	15	18	9	8	9	3	3	5	2	2	1	6	114-1	302	1124	1155	4103
≥4	86	45	13	8	8	7	1	4	3	1	1						66-1	177	416	421	4100

HOURS INTERVAL BETWEEN EVENTS

...	...	T•	TH
1.2E			
8	4224	4224	
4	4289	4293	
5	4182	4196	
4	4215	4267	
2	4112	4289	
5	3636	4158	
5	3046	4148	
3	1757	4108	
	779	4106	
	277	4100	

17 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4223	4223
≥48																6	SEA-5	6	2152	4249	4251
≥41																6	SEA-5	6	2152	4247	4251
≥34	1															13	SEA-2	14	2720	4724	4745
≥28											1		1			24	2154-1	26	3076	4518	4584
≥22	5	1	3	1		1	1		2	2	1	1	4	1	2	43	1536-1	68	3428	4112	4296
≥17	16	5	6	7	7	6	3	3	6	4	5	4	2	3	2	75	774-1	154	3340	3638	4167
≥11	43	37	20	25	17	19	16	14	12	13	3	8	4	1	5	57	276-1	294	2565	2620	4121
≥7	72	48	45	35	20	20	14	13	15	14	5	1	4	4	2	16	192-1	328	1644	1667	4112
≥4	78	50	48	24	15	24	11	9	13	10	4		4	2	2	15	192-1	309	1439	1461	4109

HOURS INTERVAL BETWEEN EVENTS

18 45.6N 144.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																7	SEA-6	7	2498	4223	4224
≥34			1				1		3	1						12	SEA-2	18	2776	4418	4439
≥28	7	1	2	5	2	2	2	1	1	1		2			1	35	1788-1	62	3106	4234	4387
≥22	23	8	4	3	5	4	8	1	6	4	1	3	3	4		52	1386-1	129	3122	3747	4242
≥17	35	15	14	13	12	6	12	8	3	2	4	3	1	8	6	55	768-1	197	2935	3076	4181
≥11	48	33	15	24	15	13	13	12	12	5	6	2		2	5	28	366-1	233	1636	1666	4112
≥7	46	31	23	21	12	11	8	5	5	3	2	3		2	2	3	210-1	177	750	760	4101
≥4	52	26	12	4	10	5	3	1									72-1	115	287	289	4101

HOURS INTERVAL BETWEEN EVENTS

...	...	T•	TH
.7W			
	4224	4224	
	4224	4224	
	4319	4327	
	4283	4345	
	4015	4288	
	3362	4155	
	2576	4145	
	1395	4109	
	648	4106	
	239	4100	

20 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-5	7	2415	4256	4258
≥41																7	SEA-5	7	2413	4329	4334
≥34		1	1	1			1		2							19	SEA-2	25	2901	4472	4527
≥28	5	2		3	2	4	2	2	1	3	2		1	1	2	48	1500-1	78	3498	4210	4413
≥22	21	28	11	8	10	6	6	7	4	1	4	2	2	3	2	56	1224-1	169	3041	3553	4172
≥17	34	15	14	19	9	10	10	5	10	6	3	4	8	2	4	58	546-1	211	2754	2887	4143
≥11	60	32	19	34	13	15	10	11	10	6	9	9	3	1	3	20	288-1	255	1566	1622	4106
≥7	54	41	28	23	11	6	9	2	9	3	3	2		1	1	5	156-1	198	778	784	4103
≥4	59	31	15	6	5	2	2	1	5		1		1	1			84-1	129	332	332	4102

HOURS INTERVAL BETWEEN EVENTS

21 43.7N 128.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4444	4445
≥34	3															6	SEA-5	9	1898	4464	4473
≥28			1													17	SEA-1	18	2589	4350	4389
≥22	21	4	5	1	2	1	3	1	2	1	1	3	1	1	1	41	2202-1	88	3375	4127	4309
≥17	39	14	9	3	3	6	7	7	5	5	5	4	1	3	1	66	1260-1	178	3150	3628	4269
≥11	52	48	20	15	17	15	18	14	8	9	7	5	6	4	3	34	330-1	275	1871	2009	4118
≥7	67	40	32	23	13	10	10	5	4	4	2	3	1	1	4	7	132-3	226	923	961	4103
≥4	61	27	17	8	12	3	3	3		1	1	1	2			1	90-1	140	395	408	4100

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

22 42.8N 167.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																7	SEA-4	7	2233	4249	4250
≥34									1							13	SEA-1	14	2316	4465	4488
≥28	8	3			1		2	1	4		1	1		2	1	42	1962-1	66	3293	4237	4382
≥22	16	12	5	7	1	6	10	6	3	6	3	3	4	2	2	64	756-1	150	3264	3676	4232
≥17	38	19	27	10	17	13	7	4	10	14	7	8	6	7	5	53	444-1	245	2746	2874	4133
≥11	65	34	28	29	18	15	18	16	6	15	7	6	4	3	2	8	228-1	274	1433	1499	4100
≥7	46	32	36	23	13	17	9	3	1	3	2	2				1	150-1	188	674	685	4100
≥4	60	26	23	6	3	2	2	1	1							1	120-1	125	283	286	4100

HOURS INTERVAL BETWEEN EVENTS

23 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64												1				6	SEA-6	7	2220	4223	4224
≥48												1				6	SEA-6	7	2220	4220	4224
≥41												1				8	SEA-5	9	2500	4455	4464
≥34		2							1							16	SEA-1	19	2543	4376	4408
≥28	5		1	1	1	1		1	1	1			3	1		43	1740-1	59	3216	4159	4296
≥22	20	8	11	6	4	3	3	4	5	3	4	3	6	4	5	65	732-1	154	3197	3722	4230
≥17	32	14	15	14	19	12	17	8	5	5	6	4	9	5	4	64	414-1	233	2807	3012	4166
≥11	74	41	39	31	23	21	14	7	10	7	6	6	10	6	3	14	198-1	312	1643	1722	4108
≥7	96	55	37	25	15	15	5	4	2	4	1		2		1	2	174-1	264	806	820	4102
≥4	99	40	13	9	3	3	2	1	1								54-1	171	318	324	4100

HOURS INTERVAL BETWEEN EVENTS

25 40.2N 131.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-6	7	2225	4294	4300
≥28																8	SEA-6	8	2247	4290	4300
≥22	1			1												19	1866-1	21	2905	4462	4514
≥17	12	2	4	4	1	1	3		1	2		1	2		1	54	1302-1	88	3407	4079	4296
≥11	32	26	11	3	3	5	6	7	6	12	1	8	3	7	7	73	846-1	210	3219	3360	4216
≥7	74	38	33	31	20	23	16	15	12	16	12	11	8	5	2	26	336-1	342	2197	2232	4123
≥4	92	37	44	34	18	11	18	10	12	10	8	7	7	4		21	336-1	333	1846	1876	4122

HOURS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																8	SEA-6	8	2743	4754	4756
≥41																9	SEA-5	9	2988	4702	4707
≥34																12	SEA-2	12	2597	4361	4380
≥28	2	1									1			1		21	SEA-1	26	2871	4352	4408
≥22	11	3	6	2	1	1		1	3	5	2	1	2			49	1356-1	87	3146	4061	4258
≥17	28	8	10	10	5	15	7	5	5	8	4	3	3	4	2	70	936-1	187	3155	3483	4154
≥11	59	51	30	29	18	14	16	12	10	8	4	8	6	7	2	33	510-1	307	2155	2193	4108
≥7	88	60	36	32	26	14	14	9	4	4	1	2	3	1	1	4	132-1	299	1088	1099	4104
≥4	103	41	36	8	2	1	2				1				1		90-1	195	381	389	4101

HOURS INTERVAL BETWEEN EVENTS

28 36.1N 123.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-5	6	2203	4219	4219
≥34																6	SEA-5	6	2203	4219	4219
≥28	1	4	4	1						1						20	SEA-1	31	2753	4473	4520
≥22	35	33	27	1	3	2	8	3	1	6	8	1		2	3	61	1050-1	194	3210	3907	4405
≥17	104	52	38	3	7	11	12	4	3	6	13	2	4	9	4	49	600-1	321	2485	2681	4240
≥11	102	59	30	4	6	14	8	4	5	3	10	1	5	5	1	7	138-2	264	1013	1067	4147
≥7	44	18	20	5		10	7	3		1		1	1			1	96-1	111	344	355	4111
≥4	49	8	3	3	1	2		1									48-1	67	111	112	4102

HOURS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-5	7	2176	4192	4193
≥28										1				1	1	13	SEA-2	16	2281	4264	4287
≥22	2	3	1	1	2			2		2		1		2		31	1506-1	47	2766	4139	4262
≥17	16	5	2	3	3	3	3	6	5	3	4	2	3	1	7	50	942-2	116	2969	3711	4152
≥11	75	33	17	17	16	9	20	8	9	6	4	5	1	7	2	52	468-1	281	2477	2590	4116
≥7	82	47	37	25	27	12	14	6	7	5	5	2	6	3	2	13	174-1	293	1348	1380	4103
≥4	112	43	28	17	2	6	9	1	3		1		2	1		2	150-1	227	592	600	4102

HOURS INTERVAL BETWEEN EVENTS

31 35.6N 155.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																7	SEA-6	7	2438	4222	4224
≥34																9	SEA-7	9	2879	4528	4532
≥28	1											1				14	SEA-2	16	2722	4393	4417
≥22	4		1	1			2	1	1		1	1		1	1	28	SEA-1	42	3046	4255	4358
≥17	16	7	5	5	5	4		3	4	2	2	1	1	2	1	36	1740-1	94	2934	3928	4252
≥11	52	25	23	16	17	12	11	10	7	8	1	5	8	2	6	50	750-1	253	2682	2845	4132
≥7	89	36	33	24	17	12	12	7	8	2	9	8	2	1	4	23	252-1	287	1586	1623	4124
≥4	62	56	33	14	10	11	7	9	6		1		2		2	5	132-1	218	781	787	4101

HOURS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28			1								1					7	SEA-5	9	2340	4326	4334
≥22	2		1							1		1			1	15	SEA-3	21	2534	4266	4306
≥17	13	3	1	1	1	1	1	2	1							37	2124-1	61	3008	4087	4259
≥11	52	26	12	9	8	9	7	3	8	3	3	12	6	3	11	57	942-1	229	2785	3120	4187
≥7	77	48	28	15	14	15	8	13	7	13	7	7	1	2	3	25	504-1	283	1738	1798	4130
≥4	96	34	23	20	7	8	8	6	4	5	2	1	3		1	8	150-1	226	828	850	4102

HOURS INTERVAL BETWEEN EVENTS

34 34.2N 155.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34		1						1								8	SEA-6	10	2738	4397	4402
≥28								1								13	SEA-2	14	2775	4272	4298
≥22	3	2	2		1		2	1	2	1			1		2	29	SEA-1	46	2781	4161	4289
≥17	19	7	1	1	1	3		3	4	2	3		3	1	3	53	1584-1	104	3211	3812	4209
≥11	57	23	27	16	13	12	12	5	8	13	5	5	2	5	8	52	618-1	263	2622	2730	4135
≥7	78	38	37	33	24	19	11	10	3	10	7	3	2	4		8	234-1	287	1342	1382	4100
≥4	86	47	34	23	11	6	4	1	4			1		1		3	162-1	221	625	629	4100

HOURS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-5	7	2482	4551	4554
≥28			1					1								12	SEA-2	14	2020	4237	4266
≥22	2	3			1			2		1	1		1	1	1	25	2190-1	38	2763	4193	4319
≥17	16	6	9	3	2	5	2	2	3	2	3	4	1		3	57	1026-1	118	3101	3843	4274
≥11	63	27	15	16	17	14	12	9	5	6	5	3	6	7	7	55	396-1	267	2539	2591	4140
≥7	88	49	38	26	26	16	14	9	6	3	6	2	5		4	11	204-1	303	1328	1347	4106
≥4	99	43	32	17	8	6	5	3	2	5	1						66-1	221	563	565	4100

HOURS INTERVAL BETWEEN EVENTS

37 32.9N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28	2		2													11	SEA-7	15	2811	4657	4667
≥22	8	7	15	1	1	3	2		1	2	1	2	1		1	30	SEA-1	75	2635	4111	4237
≥17	47	53	46	3	2	11	17	2	2	6	13		4	5	2	54	1602-1	267	3142	3844	4475
≥11	100	112	91	3	7	8	23	4	6	4	15	1	2	3	4	11	144-1	460	1566	1609	4140
≥7	98	51	16	2	5	4	4		1	1	2	1		1		1	114-1	187	419	424	4112
≥4	54	29	10	2	1	1	2	1	1							1	108-1	102	210	211	4108

HOURS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																8	SEA-6	8	2453	4392	4395
≥22	7	4					1				1	1				20	SEA-2	34	2753	4401	4469
≥17	31	15	8	5	2	6	5	1	4	2	1	2	1		3	52	1098-1	138	3080	3855	4299
≥11	85	27	22	15	15	8	7	8	5	9	8	5	2	7	3	44	318-1	270	2165	2315	4199
≥7	82	37	26	19	10	13	10	4	3	5	2	6		3	1	10	186-1	231	982	1048	4104
≥4	65	23	13	9	4	4	2	5	2	2		2				3	102-2	134	396	413	4100

HOURS INTERVAL BETWEEN EVENTS

40 29.6N 165.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥22	1															12	SEA-2	13	2503	4282	4298
≥17	7	5	5	1	1	2		2		2	2	1		1		40	1578-1	69	2934	4091	4257
≥11	88	24	23	17	12	7	6	10	8	3	8	3	5	2	7	51	570-1	274	2449	2602	4129
≥7	88	27	28	21	16	6	4	10	7	8	3	5		3	1	12	198-1	235	1086	1130	4110
≥4	59	28	17	8	6	4	5	3		5		2	1			1	102-1	139	415	479	4100

HOURS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-5	7	1998	4334	4339
≥41						1										8	SEA-5	9	2232	4329	4342
≥34		2	1			1										13	SEA-4	17	2649	4328	4357
≥28	2	3	2		1		1	1			1		1	1		18	SEA-3	31	3195	4696	4790
≥22	9	6	3	2	2	2	1	1	4	2	1		1			34	1662-1	68	3496	4482	4735
≥17	28	14	11	4	5	5	2	2	2	5	1		2	2	1	51	1266-1	135	3006	3668	4305
≥11	62	24	19	11	5	10	11	10	7	5	7	3	6	6	6	45	420-1	237	2298	2448	4174
≥7	70	29	23	25	17	12	13	9	7	8	2	2	3	1	4	19	252-1	244	1351	1383	4107
≥4	72	34	20	9	8	11	5	4	4	3	1	1	2	1		2	180-1	177	584	595	4101

HOURS INTERVAL BETWEEN EVENTS

23 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64												1				6	SEA-6	7	2220	4223	4224
≥48												1				6	SEA-6	7	2220	4220	4224
≥41												1				8	SEA-5	9	2500	4455	4464
≥34		2							1							16	SEA-1	19	2543	4376	4408
≥28	5		1	1	1	1		1	1	1			3	1		43	1740-1	59	3216	4159	4296
≥22	20	8	11	6	4	3	3	4	5	3	4	3	6	4	5	65	732-1	154	3197	3722	4230
≥17	32	14	15	14	19	12	17	8	5	5	6	4	9	5	4	64	414-1	233	2807	3012	4166
≥11	74	41	39	31	23	21	14	7	10	7	6	6	10	6	3	14	198-1	312	1643	1722	4108
≥7	96	55	37	25	15	15	5	4	2	4	1		2		1	2	174-1	264	806	820	4102
≥4	99	40	13	9	3	3	2	1	1								54-1	171	318	324	4100

HOURS INTERVAL BETWEEN EVENTS

24 41.0N 134.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																7	SEA-4	7	1878	4294	4299
≥22	6	3	1	3	4			1	1	1	1				1	22	2202-1	44	2672	4366	4472
≥17	17	12	7	5	2	3	5	2	3	3		2	4	1	2	59	1356-1	127	3178	3790	4249
≥11	53	17	17	15	14	6	9	16	9	4	6	2	5	6	6	50	696-1	235	2360	2524	4116
≥7	60	37	28	22	18	14	15	13	6	4	3	4	3	1	2	11	192-2	241	1184	1251	4104
≥4	85	25	21	17	9	7	4	2	2	1	1					3	96-3	177	484	516	4100

HOURS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																8	SEA-6	8	2743	4754	4756
≥41																9	SEA-5	9	2988	4702	4707
≥34																12	SEA-2	12	2597	4361	4380
≥28	2	1									1			1		21	SEA-1	26	2871	4352	4408
≥22	11	3	6	2	1	1		1	3	5	2	1	2			49	1356-1	87	3146	4061	4258
≥17	28	8	10	10	5	15	7	5	5	8	4	3	3	4	2	70	936-1	187	3155	3483	4154
≥11	59	51	30	29	18	14	16	12	10	8	4	8	6	7	2	33	510-1	307	2155	2193	4108
≥7	88	60	36	32	26	14	14	9	4	4	1	2	3	1	1	4	132-1	299	1088	1099	4104
≥4	103	41	36	8	2	1	2				1				1		90-1	195	381	389	4101

HOURS INTERVAL BETWEEN EVENTS

27 36.2N 127.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-6	7	2435	4393	4397
≥28	1											1	1			13	SEA-4	16	2764	4662	4685
≥22	14	10	6	3	2	2	3	1	1	5				1		49	1422-1	97	3160	4009	4332
≥17	39	16	13	5	6	9	6	3	2	4	5	2	6	6	3	62	696-1	187	2836	3094	4225
≥11	68	19	13	14	10	10	12	6	9	7	8	4	2	3	2	25	414-1	212	1465	1533	4134
≥7	42	17	7	7	8	2	5	6	4	4	3	3	3	2		6	156-1	119	596	634	4111
≥4	33	18	5	8	8	4	3	1	3		1			1			84-1	85	261	263	4101

HOURS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-5	7	2176	4192	4193
≥28										1				1	1	13	SEA-2	16	2281	4264	4287
≥22	2	3	1	1	2			2		2		1		2		31	1506-1	47	2766	4139	4262
≥17	16	5	2	3	3	3	3	6	5	3	4	2	3	1	7	50	942-2	116	2969	3711	4152
≥11	75	33	17	17	16	9	20	8	9	6	4	5	1	7	2	52	468-1	281	2477	2590	4116
≥7	82	47	37	25	27	12	14	6	7	5	5	2	6	3	2	13	174-1	293	1348	1380	4103
≥4	112	43	28	17	2	6	9	1	3		1		2	1		2	150-1	227	592	600	4102

HOURS INTERVAL BETWEEN EVENTS

30 35.7N 176.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-5	6	1943	4251	4252
≥34	2															7	SEA-5	9	2046	4246	4252
≥28										1						13	SEA-3	14	2183	4260	4280
≥22	2	3	3	2				1	1	1	2		1			28	SEA-1	44	2898	4270	4391
≥17	26	5	5	2	3	2	5	1	4	6	2	3	3	4	1	55	1188-1	127	3351	3873	4316
≥11	52	30	21	21	21	22	7	7	14	9	7	5	3	5	3	54	426-1	281	2488	2508	4130
≥7	84	55	43	28	28	18	13	7	4	5	4		2	2	4	12	210-1	309	1332	1333	4115
≥4	104	58	23	12	7	7	4	3	2				2		2	2	114-1	226	576	576	4112

HOURS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28			1								1					7	SEA-5	9	2340	4326	4334
≥22	2		1							1		1			1	15	SEA-3	21	2534	4266	4306
≥17	13	3	1	1	1	1	1	2	1							37	2124-1	61	3008	4087	4259
≥11	52	26	12	9	8	9	7	3	8	3	3	12	6	3	11	57	942-1	229	2785	3120	4187
≥7	77	48	28	15	14	15	8	13	7	13	7	7	1	2	3	25	504-1	283	1738	1798	4130
≥4	96	34	23	20	7	8	8	6	4	5	2	1	3		1	8	150-1	226	828	850	4102

HOURS INTERVAL BETWEEN EVENTS

33 34.6N 145.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-5	6	1923	4251	4252
≥41																6	SEA-5	6	1922	4250	4252
≥34																7	SEA-5	7	2175	4246	4252
≥28																13	SEA-4	13	2676	4267	4290
≥22	2	1		1			1			2	1	2				33	SEA-1	43	2818	4157	4274
≥17	28	7	8	4	4	2	1	3	4	4	3	2	1	3	3	65	1266-1	142	3305	3751	4246
≥11	47	29	19	19	16	15	15	14	4	10	3	10	4	4	1	46	522-1	256	2384	2424	4110
≥7	79	43	37	18	20	12	8	12	7	6	8	2	4	1	2	12	204-1	271	1267	1282	4101
≥4	76	40	31	13	9	5	6	6	2	1	1	1	1			1	102-1	193	547	550	4100

HOURS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-5	7	2482	4551	4554
≥28			1					1								12	SEA-2	14	2020	4237	4266
≥22	2	3			1			2		1	1		1	1	1	25	2190-1	38	2763	4193	4319
≥17	16	6	9	3	2	5	2	2	3	2	3	4	1		3	57	1026-1	118	3101	3843	4274
≥11	63	27	15	16	17	14	12	9	5	6	5	3	6	7	7	55	396-1	267	2539	2591	4140
≥7	88	49	38	26	26	16	14	9	6	3	6	2	5		4	11	204-1	303	1328	1347	4106
≥4	99	43	32	17	8	6	5	3	2	5	1						66-1	221	563	565	4100

HOURS INTERVAL BETWEEN EVENTS

36 33.7N 123.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-5	6	2163	4179	4179
≥28	1															8	SEA-4	9	2236	4256	4264
≥22	5	1		1				1							2	21	SEA-2	31	3036	4476	4544
≥17	10	5	7	4	1	2			1	2	2	2		1	3	57	1044-2	97	3572	4052	4412
≥11	65	22	13	14	11	10	11	6	5	7	7	8	7	7	8	59	[illegible]	269	2692	2811	4188
≥7	66	39	39	24	19	8	18	11	14	8	7	4	1	4	1	18	[illegible]	281	1524	1529	4118
≥4	72	45	35	16	13	10	10	5	4	3	4	4	2	2	1	9	294-1	235	1000	1003	4118

HOURS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																8	SEA-6	8	2453	4392	4395
≥22	7	4					1				1	1				20	SEA-2	34	2753	4401	4469
≥17	31	15	8	5	2	6	5	1	4	2	1	2	1		3	52	1098-1	138	3080	3855	4299
≥11	85	27	22	15	15	8	7	8	5	9	8	5	2	7	3	44	318-1	270	2165	2315	4199
≥7	82	37	26	19	10	13	10	4	3	5	2	6		3	1	10	186-1	231	982	1048	4104
≥4	65	23	13	9	4	4	2	5	2	2		2				3	102-2	134	396	413	4100

HOURS INTERVAL BETWEEN EVENTS

39 29.9N 177.3W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-6	7	2350	4366	4367
≥28										1						7	SEA-4	8	2194	4402	4413
≥22	1	2	2	2												13	SEA-1	20	2414	4235	4290
≥17	13	4	6			1	1	2	1				3	1	1	43	1428-1	76	3139	3964	4255
≥11	81	30	12	15	8	6	12	10	4	11	2	7	9	9	4	50	360-1	270	2527	2699	4150
≥7	68	39	35	17	20	11	9	9	6	6	3	4	4	1	2	14	216-1	248	1244	1315	4102
≥4	96	35	20	20	13	4	5	2	2	2	2	1				1	108-1	203	536	552	4100

HOURS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																7	SEA-5	7	1998	4334	4339
≥41						1										8	SEA-5	9	2232	4329	4342
≥34		2	1			1										13	SEA-4	17	2649	4328	4357
≥28	2	3	2		1		1	1			1		1	1		18	SEA-3	31	3195	4696	4790
≥22	9	6	3	2	2	2	1	1	4	2	1		1			34	1662-1	68	3496	4482	4735
≥17	28	14	11	4	5	5	2	2	2	5	1		2	2	1	51	1266-1	135	3006	3668	4305
≥11	62	24	19	11	5	10	11	10	7	5	7	3	6	6	6	45	420-1	237	2298	2448	4174
≥7	70	29	23	25	17	12	13	9	7	8	2	2	3	1	4	19	252-1	244	1351	1383	4107
≥4	72	34	20	9	8	11	5	4	4	3	1	1	2	1		2	180-1	177	584	595	4101

HOURS INTERVAL BETWEEN EVENTS

42 29.9N 139.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-5	6	2183	4199	4199
≥22																10	SEA-3	10	2652	4744	4757
≥17	16	4	5			3	1	4	2		1	1			1	37	1356-1	75	3120	4268	4441
≥11	91	31	22	14	8	8	4	4	8	10	10	4	2	7	2	52	510-1	277	2458	2614	4183
≥7	96	22	32	11	13	12	7	7	6	5	3	5	2	3	2	18	156-3	242	1154	1182	4120
≥4	63	25	22	10	6	7	4	8	3		2			1		2	126-1	153	485	488	4100

HOURS INTERVAL BETWEEN EVENTS

2

SUMMER

WIND SPE

43 — 28.2N 125.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-5	6	2025	4250	4252
≥41																9	SEA-5	9	2856	4761	4768
≥34			1					1								13	SEA-4	15	2901	4702	4733
≥28	3	1	2			1						1				18	SEA-1	26	2970	4749	4833
≥22	7	5			4	1	1		1	1					2	41	1632-1	63	3340	4303	4554
≥17	27	7	8	6	3	4	2	3	3	3		2	3	3	4	59	1260-1	137	3318	3736	4393
≥11	67	12	18	13	11	13	7	7	7	8	8	2	2	5	5	46	486-1	231	2198	2290	4115
≥7	78	25	17	23	16	10	8	7	6	4	4	4	1	2	1	17	264-1	223	1175	1208	4100
≥4	68	28	17	17	8	6	6	6	3	2	1	2	1	1	1	7	264-1	174	696	723	4100

HOURS INTERVAL BETWEEN EVENTS

46 — 26.1N 170.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28		1														8	SEA-3	9	1937	4277	4286
≥22	5	2	2	2												17	SEA-3	28	2537	4202	4276
≥17	25	9	6	1	8	3	3	1	2	4	1	1	2		1	42	SEA-1	109	3380	3983	4320
≥11	75	32	11	9	4	5	10	10	5	2	9	3	8	1	2	51	408-1	237	2357	2516	4117
≥7	85	35	28	14	11	13	9	8	8	4	2	4	3	5	4	14	288-1	247	1223	1252	4106
≥4	64	38	24	7	11	6	3	5	4	2	1					1	102-1	166	476	481	4100

HOURS INTERVAL BETWEEN EVENTS

49 — 22.6N 128.0E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-5	6	1933	4250	4252
≥41																7	SEA-5	7	2018	4241	4252
≥34	3			1												10	SEA-3	14	2137	4208	4241
≥28	5	4		2												19	SEA-1	30	2641	4517	4599
≥22	10	5	1		2	1					1					37	1278-1	57	2994	4190	4448
≥17	23	9	7	1	3	4	3	3	2	2	4	2	4	1	1	55	918-1	124	3235	3782	4358
≥11	80	31	16	17	17	14	7	4	10	11	2	6	1	8	4	41	516-1	269	2348	2551	4151
≥7	126	45	36	14	13	20	10	7	5	5	5	4	1	3	2	12	216-1	308	1238	1271	4103
≥4	85	28	24	15	4	6	6	2	2		1			1		2	162-1	176	480	493	4100

HOURS INTERVAL BETWEEN EVENTS

52 — 19.2N 127.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-5	6	2040	4251	4252
≥41			1													7	SEA-5	8	2056	4248	4252
≥34						1										11	SEA-5	12	2596	4457	4475
≥28	9	1		1							1		1	1		15	SEA-2	29	2639	4760	4820
≥22	19	6	2	4		3	2	1		2	1	2	3	2		38	1716-1	85	2998	4196	4442
≥17	53	19	15	8	12	6	10	8	6	3	3	3	2	2	2	59	1122-1	211	3043	3449	4211
≥11	150	60	47	13	19	11	8	5	10	6	2	6	2	6	6	17	234-1	368	1577	1645	4123
≥7	108	32	23	15	6	8	3	1		1	6		3	3			78-3	207	550	558	4106
≥4	44	14	6	1	3	1	1										42-1	70	122	123	4100

HOURS INTERVAL BETWEEN EVENTS

55 — 17.6N 138.5E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-4	6	1601	4294	4296
≥41																7	SEA-3	7	1714	4406	4412
≥34			1													12	SEA-1	13	1950	4541	4560
≥28	1		1	2			1									19	SEA-1	24	2602	4562	4636
≥22	9	6	3			1	1				2		1		2	47	1410-1	72	3525	4493	4704
≥17	44	12	3	5	2	7	1	6	3	1	2	3	3	3	5	63	1056-1	163	3448	3767	4330
≥11	101	33	26	19	14	11	14	9	12	9	9	3	13	4	4	40	306-1	321	2435	2505	4156
≥7	143	54	45	21	26	13	11	9	10	6	5	4	1		3	6	204-1	357	1283	1293	4101
≥4	93	39	26	10	10	6	3	3		2			2			1	108-1	195	484	486	4101

HOURS INTERVAL BETWEEN EVENTS

58 — 14.5N 127.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34	2	1														8	SEA-2	11	1774	4319	4332
≥28	1	1	2								1					11	SEA-2	16	2254	4642	4679
≥22	7	3		3	1	3	1		1		1	1				21	1746-1	42	2165	4529	4644
≥17	19	7	5	2	4	4	1	1		5	2		1	2	1	47	1176-1	101	2876	4308	4626
≥11	59	34	32	12	6	7	13	7	1	6	6	2	2	2	2	69	438-1	260	2909	3057	4208
≥7	110	51	58	26	24	20	17	10	4	7	8	9	2	3	2	22	288-1	373	1843	1875	4109
≥4	167	72	48	19	16	10	4	4	3	2	4	1		1		2	162-1	351	885	898	4101

HOURS INTERVAL BETWEEN EVENTS

61 — 12.0N 156.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-5	6	1894	4251	4252
≥41																6	SEA-5	6	1894	4251	4252
≥34																8	SEA-5	8	2164	4247	4252
≥28									1		1					9	SEA-5	11	2221	4237	4247
≥22	3		3		1					1						13	SEA-4	21	2386	4183	4217
≥17	11	2	6	1	1		1	1	1		1					25	SEA-4	50	3002	4336	4480
≥11	92	27	21	4	13	8	5	2	3	4	6	2	5		3	53	1116-1	248	3033	3439	4234
≥7	149	45	42	12	19	13	10	6	5	6	9	4	7	2	5	28	312-1	352	1904	1954	4141
≥4	149	42	27	14	12	5	3	2	1	2			2		2	4	150-1	270	712	714	4103

HOURS INTERVAL BETWEEN EVENTS

44 — 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4222	4222
≥48																6	SEA-6	6	2208	4222	4272
≥41	1															6	SEA-5	7	1913	4246	4250
≥34	1			1												8	SEA-5	10	2166	4456	4471
≥28						1								1		12	SEA-3	14	2607	4419	4463
≥22	5	3		1	1		1	1	2	1		2		2		22	SEA-1	41	3020	4490	4619
≥17	23	6	4	1	2	1	3	3	1	1	1	2	1	1	2	43	1962-1	95	3180	4036	4463
≥11	54	25	16	10	11	7	12	5	3	7	5	5	6	4	6	56	516-2	232	2680	2861	4212
≥7	110	36	25	20	22	17	12	10	8	7	4	3	6		3	21	222-2	304	1536	1559	4116
≥4	98	36	29	17	10	8	6	4	2	1	2	3	2			1	126-1	219	630	641	4108

HOURS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																8	SEA-6	8	2610	4483	4488
≥22	3		1					1								15	SEA-3	20	2634	4349	4390
≥17	7	1	2	2		2	2	2	1		2	2				44	1266-1	67	3161	4291	4452
≥11	118	50	39	12	9	10	11	6	4	9	9	10	8	4	13	53	366-1	365	2742	2859	4149
≥7	151	62	39	15	24	11	11	4	12	9	3	4	4	1	1	4	156-1	355	1198	1227	4114
≥4	106	35	14	9	6	3	1										42-1	174	309	313	4100

HOURS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																7	SEA-6	7	2243	4259	4261
≥22	1	2											1		1	21	SEA-3	26	2790	4203	4237
≥17	39	12	4	5	4	4	4	2	2	2	1	4	1	1	1	42	SEA-1	128	2819	3803	4241
≥11	116	41	21	13	6	15	8	9	8	11	11	7	3	2	6	35	402-1	312	2121	2263	4170
≥7	118	32	20	16	14	13	4	5	2	1		3	1			7	174-1	236	750	783	4129
≥4	78	23	24	4	6	3	3	3				1		1			84-1	146	331	339	4100

HOURS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	2174	4190	4190
≥48																8	SEA-4	8	2054	4177	4185
≥41	1															10	SEA-3	11	2182	4223	4236
≥34	1		1								1					17	SEA-1	20	2399	4288	4323
≥28	4	2	1					3						1		30	1374-1	41	2798	4266	4353
≥22	23	6	5	2	4		2	2		2	2			1	1	48	1002-1	98	3181	4005	4285
≥17	41	13	10	5	5	3	11	4	3	3	5	3	3	2	4	63	852-1	178	3336	3611	4242
≥11	120	57	31	12	18	17	12	7	10	8	5	4	6	7	3	42	432-1	359	2434	2553	4123
≥7	169	54	48	31	20	13	14	8	8	3	3	4	5	4	4	14	240-1	402	1580	1598	4107
≥4	171	51	29	15	13	6	7	3	1	2	1		1		1	3	210-1	304	735	738	4101

HOURS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4218	4218
≥48																7	SEA-6	7	2465	4475	4476
≥41																10	SEA-5	10	2790	4305	4311
≥34															1	11	SEA-4	12	2649	4321	4339
≥28	4	3		1								2		1	2	14	SEA-4	27	3155	4712	4760
≥22	5	2	2	2	1	1				2			2	3	2	26	SEA-1	48	3351	4710	4834
≥17	18	12	2	1	3		2	2	3		3	2	3	2		48	846-1	101	3127	4132	4418
≥11	94	25	39	12	24	17	14	6	8	11	6	5	8	5	4	55	540-1	333	2887	3091	4166
≥7	169	72	52	39	30	30	13	9	8	2	5	5	2	3	5	12	246-1	456	1767	1797	4104
≥4	175	71	39	19	13	10	12	4	2		6	2	2		1	4	240-1	360	995	1007	4100

HOURS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-5	6	2026	4251	4252
≥34				1												6	SEA-5	7	2030	4249	4252
≥28				1												7	SEA-5	8	2088	4244	4252
≥22	2	1	3	1	1		3		1							18	SEA-1	30	2715	4484	4545
≥17	24	10	13	6	1	1	2	1	6	4	3	2	3	3	4	50	1098-2	133	3207	3977	4388
≥11	103	44	33	19	21	14	15	8	11	8	9	1	8	1	4	25	366-1	324	1888	1972	4161
≥7	98	23	16	15	6	2	4	3		2	1	1			1	2	180-1	174	450	467	4102
≥4	30	5	5		1		3		1								54-1	45	90	90	4100

HOURS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4205	4205
≥48																6	SEA-6	6	2208	4205	4205
≥41																6	SEA-6	6	2208	4205	4205
≥34																6	SEA-6	6	2208	4205	4205
≥28																6	SEA-6	6	2208	4204	4205
≥22																6	SEA-6	6	2208	4423	4426
≥17																6	SEA-6	7	2245	4458	4465
≥11	4		3	2	1		1	1	1		1	2	1		3	18	SEA-5	37	3103	4391	4485
≥7	33	24	13	10	3	7	5	11	3		5	2	1	1	6	42	1998-1	166	3427	4478	5015
≥4	87	33	26	10	7	6	5	4	5	4	6				1	38	978-1	232	2176	2378	4383

HOURS INTERVAL BETWEEN EVENTS

3

WIND SPEED INTERVALS (Cont'd)

44 — 27.9N 150.7E

24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
												6	SEA-6	6	2208	4222	4222
												6	SEA-6	6	2208	4222	4222
												6	SEA-5	7	1913	4246	4250
1												8	SEA-5	10	2166	4456	4471
		1								1		12	SEA-3	14	2607	4419	4463
1	1		1	1	2	1		2		2		22	SEA-1	41	3020	4490	4619
1	2	1	3	3	1	1	1	2	1	1	2	43	1962-1	95	3180	4036	4463
10	11	7	12	5	3	7	5	5	6	4	6	56	516-2	232	2680	2861	4212
20	22	17	12	10	8	7	4	3	6		3	21	222-2	304	1536	1559	4116
17	10	8	6	4	2	1	2	3	2			1	126-1	219	630	641	4108

HOURS INTERVAL BETWEEN EVENTS

45 — 27.8N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥22	1			1			1									11	SEA-4	14	2302	4318	4333
≥17	17	6	3	4	1	1	3			1	3		1	3	1	40	1176-1	84	2679	4189	4363
≥11	92	33	21	8	8	13	22	5	11	7	2	2	2	4	4	49	570-1	283	2421	2545	4151
≥7	89	25	21	18	9	6	8	6	3	8	1	3	4	2	3	15	186-1	221	1040	1072	4116
≥4	51	18	17	11	3	9	1	2	6			2	1		1	1	102-1	123	397	403	4100

HOURS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
												6	SEA-6	6	2208	4224	4224
												6	SEA-6	6	2208	4224	4224
												6	SEA-6	6	2208	4224	4224
												6	SEA-6	6	2208	4224	4224
												8	SEA-6	8	2610	4483	4488
				1								15	SEA-3	20	2634	4349	4390
2		2	2	2	1		2	2				44	1266-1	67	3161	4291	4452
12	9	10	11	6	4	9	9	10	8	4	13	53	366-1	365	2742	2859	4149
15	24	11	11	4	12	9	3	4	4	1	1	4	156-1	355	1198	1227	4114
9	6	3	1										42-1	174	309	313	4100

HOURS INTERVAL BETWEEN EVENTS

48 — 23.5N 151.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4444	4445
≥22	2	1						1								11	SEA-4	15	2397	4411	4424
≥17	21	3	7	4	3	1		3	1	1	1		1		1	41	SEA-1	88	3082	4210	4445
≥11	102	54	26	20	8	17	11	7	6	6	8	3	4	3	5	32	528-1	312	2109	2187	4201
≥7	79	25	9	9	6	6	4	3	2	1	5	1	2			4	144-1	156	515	516	4102
≥4	32	11	5	6	2	2	2	1				1					72-1	62	149	149	4100

HOURS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
												6	SEA-6	6	2208	4224	4224
												6	SEA-6	6	2208	4224	4224
												6	SEA-6	6	2208	4224	4224
												6	SEA-6	6	2208	4224	4224
												7	SEA-6	7	2243	4259	4261
									1		1	21	SEA-3	26	2790	4203	4237
5	4	4	4	2	2	2	1	4	1	1	1	42	SEA-1	128	2819	3803	4241
13	6	15	8	9	8	11	11	7	3	2	6	35	402-1	312	2121	2263	4170
16	14	13	4	5	2	1		3	1			7	174-1	236	750	783	4129
4	6	3	3	3				1		1			84-1	146	331	339	4100

HOURS INTERVAL BETWEEN EVENTS

51 — 20.5N 177.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4223	4224
≥22	1															12	SEA-4	13	2360	4298	4311
≥17	26	13	6	1	2		1	1		1	2	2	2	1	1	46	1566-1	105	3365	4045	4318
≥11	104	37	30	9	19	12	12	9	9	3	7	8	3	4		41	402-1	307	2062	2159	4104
≥7	73	25	14	7	9	8	6	3	4	2	7		3		1	6	156-1	168	664	685	4100
≥4	39	14	10	4	4	4	3		1			1					72-1	80	199	201	4100

HOURS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
												6	SEA-5	6	2174	4190	4190
												8	SEA-4	8	2054	4177	4185
												10	SEA-3	11	2182	4223	4236
							1					17	SEA-1	20	2399	4288	4323
				3						1		30	1374-1	41	2798	4266	4353
2	4		2	2		2	2			1	1	48	1002-1	98	3181	4005	4285
5	5	3	11	4	3	3	5	3	3	2	4	63	852-1	178	3336	3611	4242
12	18	17	12	7	10	8	5	4	6	7	3	42	432-1	359	2434	2553	4123
31	20	13	14	8	8	3	3	4	5	4	4	14	240-1	402	1580	1598	4107
15	13	6	7	3	1	2	1		1		1	3	210-1	304	735	738	4101

HOURS INTERVAL BETWEEN EVENTS

54 — 18.2N 168.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-5	6	1877	4251	4252
≥28												1				10	SEA-2	11	2379	4539	4548
≥22	5	3	1	1				1								27	SEA-1	38	2970	4437	4519
≥17	28	13	12	3	8	3	3	6	4	1	1	2	3	1	3	56	1152-1	147	3205	4047	4456
≥11	105	38	35	18	17	12	10	6	11	9	7	8	6	5	3	42	318-1	332	2174	2243	4135
≥7	105	43	23	15	9	11	11	4		3	4	3	4	2	3	4	156-1	244	854	864	4102
≥4	61	23	8	12	4	4		1	1		1	1					72-1	116	263	265	4100

HOURS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
												6	SEA-6	6	2208	4218	4218
												7	SEA-6	7	2465	4475	4476
												10	SEA-5	10	2790	4305	4311
										1		11	SEA-4	12	2649	4321	4339
1								2		1	2	14	SEA-4	27	3155	4712	4760
2	1	1				2		2	3	2		26	SEA-1	48	3351	4710	4834
1	3		2	2	3		3	2	3	2		48	846-1	101	3127	4132	4418
12	24	17	14	6	8	11	6	5	8	5	4	55	540-1	333	2887	3091	4166
39	30	30	13	9	8	2	5	5	2	3	5	12	246-1	456	1767	1797	4104
19	13	10	12	4	2		6	2	2		1	4	240-1	360	995	1007	4100

HOURS INTERVAL BETWEEN EVENTS

57 — 14.9N 147.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-6	7	2259	4223	4224
≥48																7	SEA-6	7	2257	4220	4224
≥41																7	SEA-6	7	2257	4220	4224
≥34													1			8	SEA-6	9	2442	4214	4224
≥28											2					10	SEA-4	13	2188	4270	4302
≥22	2	2	1						1	1					1	32	SEA-1	40	3265	4649	4752
≥17	21	4	12	2	5	3	8		9	1	4	2		3	6	52	1962-1	132	3449	4246	4550
≥11	150	35	44	16	16	9	20	6	17	6	12	5	9	6	3	54	342-1	408	2726	2850	4159
≥7	220	47	58	25	15	16	14	12	10	10	5	3	3	3	1	12	150-1	454	1569	1595	4108
≥4	211	45	25	9	9	9	4	2	1	2	1	1	2				78-2	321	633	636	4101

HOURS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
												6	SEA-6	6	2208	4224	4224
												6	SEA-6	6	2208	4224	4224
												6	SEA-5	6	2026	4251	4252
1												6	SEA-5	7	2030	4249	4252
1												7	SEA-5	8	2088	4244	4252
1	1		3		1							18	SEA-1	30	2715	4484	4545
6	1	1	2	1	6	4	3	2	3	3	4	50	1098-2	133	3207	3977	4388
19	21	14	15	8	11	8	9	1	8	1	4	25	366-1	324	1888	1972	4161
15	6	2	4	3		2	1	1			1	2	180-1	174	450	467	4102
	1		3		1								54-1	45	90	90	4100

HOURS INTERVAL BETWEEN EVENTS

60 — 12.2N 112.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥41																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-6	7	2304	4222	4224
≥28	1	1	1	2												8	SEA-4	13	1803	4282	4296
≥22	7	10	1		1	1	1	2		1						26	SEA-2	50	2433	4345	4477
≥17	40	11	7	10	5	6	2	3	3					3	5	40	1470-1	135	2806	4070	4589
≥11	99	45	18	15	15	7	6	4	7	7	4	3	1	3	1	39	684-1	274	2434	2809	4389
≥7	83	24	15	15	15	5	4	3	8	4	3	2	6	2	4	30	462-1	223	1638	1652	4209
≥4	94	35	20	16	14	6	3	5	5	3	1	3	4	1	3	17	420-1	230	1154	1155	4129

HOURS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
												6	SEA-6	6	2208	4205	4205
												6	SEA-6	6	2208	4205	4205
												6	SEA-6	6	2208	4205	4205
												6	SEA-6	6	2208	4205	4205
												6	SEA-6	6	2208	4204	4205
												6	SEA-6	6	2208	4423	4426
												7	SEA-6	7	2245	4458	4465
2	1		1	1		1	2	1			3	18	SEA-5	37	3103	4391	4485
10	3	7	5	11	3		5	2	1	1	6	42	1998-1	166	3427	4478	5015
10	7	6	5	4	5	4	6				1	38	978-1	232	2176	2378	4383

HOURS INTERVAL BETWEEN EVENTS

63 — 2.1N 123.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4193	4193
≥48																6	SEA-6	6	2208	4193	4193
≥41																6	SEA-6	6	2208	4193	4193
≥34																6	SEA-6	6	2208	4193	4193
≥28																6	SEA-6	6	2208	4193	4193
≥22																6	SEA-6	6	2208	4193	4193
≥17																6	SEA-6	6	2208	4193	4193
≥11	1	1	1	1		1										11	SEA-6	16	2564	4554	4576
≥7	10	6	7		2	2	1	2	2		1	1	2			21	SEA-5	57	2783	4477	4586
≥4	23	14	18	6	4	3	7	2	4	2	1	4	2	3	1	22	SEA-4	116	2630	4039	4274

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS

1 — 64.0N 166.7W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	2202	4928	4930
≥48														1		10	SEA-4	11	2464	5189	5200
≥41	4		4		1				1							40	1578-1	50	3363	4994	5107
≥34	11	4	3	1	4	3	4	2	1	5			2	2	2	73	1440-1	117	3593	4356	4739
≥28	28	13	8	6	4	8	5	9	3	11	3	5	5	7	7	76	588-1	198	3330	3702	4638
≥22	33	16	15	14	14	31	15	9	12	12	14	6	5	11	6	51	360-1	264	2630	2843	4617
≥17	31	29	32	27	29	23	13	14	12	7	7	11	4	4	4	24	306-1	271	1946	2001	4592
≥11	65	51	37	25	20	18	4	3	5	3	1	2	3	2		7	162-1	246	951	973	4548
≥7	78	45	22	19	6	2	2	2	2						1	1	126-1	180	436	451	4546
≥4	77	21	7	6	1	1											36-1	113	175	179	4546

HOURS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	2201	4927	4929
≥48	1												1			21	SEA-1	23	2836	5053	5092
≥41	1	1	1		1	1		1		3	3		1	2		48	1224-1	63	3392	4529	4689
≥34	6	6	8	10	2	5	9	5	5	4	5		3	5	5	71	1158-1	149	3293	4224	4667
≥28	24	17	6	12	14	20	19	5	8	4	9	8	4	6	3	75	750-1	234	3172	3723	4717
≥22	42	32	20	30	26	19	6	18	15	9	3	5	6	5	10	48	318-1	294	2512	2812	4617
≥17	51	38	57	41	33	23	17	19	7	6	6	5	5	5	1	19	252-1	333	1841	1916	4591
≥11	64	81	38	22	13	12	4	4	4	5	2		3			3	126-1	255	827	846	4545
≥7	95	41	15	10	3		3	2	1			1					72-1	171	335	341	4545
≥4	57	17	5														18-5	79	106	107	4545

HOURS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64												1				7	SEA-5	8	2052	4774	4778
≥48	3	3				1		1		2						35	SEA-1	45	3167	4918	5013
≥41	8	3	2	1	2	1	1	1	2	2	1	2	2		2	59	SEA-1	89	3248	4450	4702
≥34	15	8	6	4	6	6	9	5	6	5	6	9	7	3	3	74	894-1	172	3508	4004	4615
≥28	28	16	17	19	16	12	14	15	9	15	10	12	7	4	8	67	438-1	269	3117	3414	4602
≥22	41	33	39	26	39	13	19	12	9	16	20	4	9	2	4	38	282-1	324	2366	2514	4575
≥17	58	58	46	34	27	28	9	12	15	11	5	7	3	3	7	9	144-1	332	1661	1709	4572
≥11	85	70	44	24	20	12	6	3	3		1	1	1				78-1	270	754	769	4546
≥7	87	46	20	10	4	1		1									48-1	169	313	313	4545
≥4	66	11	4	1	1												30-1	83	109	109	4545

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48						1					1					18	SEA-5	20	3565	5811	5840
≥41	2		2	4	1	2	2	2	2	4						37	SEA-1	58	3974	5313	5440
≥34	8	5	8	11	3	1	6	2	4	5			1	3	3	65	1398-1	125	3831	4627	4991
≥28	29	10	16	13	10	7	13	7	5	8	2	6	8	7	3	68	582-1	212	3458	3963	4735
≥22	47	29	33	21	15	21	15	17	10	11	10	4	8	7	4	58	396-1	310	2869	3132	4660
≥17	75	43	37	29	19	25	15	18	15	9	10	5	5	4	2	30	330-1	341	2122	2288	4609
≥11	98	76	39	29	21	18	16	10	6	2	2	2	3	1	3	2	108-1	328	1140	1191	4557
≥7	89	66	32	17	10	5	2	2	1								54-1	224	504	520	4545
≥4	97	24	4	2	2	2											36-2	131	187	188	4545

HOURS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-5	7	2163	4887	4890
≥48	1											1				24	SEA-2	26	3229	5404	5447
≥41	3		1	2	1	1			2		2			1	2	52	1770-1	67	3960	5270	5411
≥34	8	10	2	7	3	3	5	8	1	1	4	2	3	4	2	78	1008-1	141	3709	4414	4828
≥28	15	22	10	15	13	14	5	3	7	6	6	7	3	3	5	89	414-1	223	3446	3810	4669
≥22	45	30	26	24	31	22	13	18	8	10	9	6	8	15	7	53	222-2	325	2801	2963	4591
≥17	57	53	57	41	24	22	17	19	15	8	12	8	4	6	5	16	216-1	364	1997	2086	4578
≥11	121	92	40	18	19	14	11	8	4	3	1	2	1	3		1	96-1	338	989	1009	4557
≥7	109	45	19	17	8	2	1	2					1				78-1	204	412	415	4547
≥4	73	10	6	3	2	1											36-1	95	139	141	4547

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1											1				10	SEA-5	12	2563	5276	5292
≥48	1		1	1					2	1	1		1		1	35	SEA-1	44	3368	4722	4816
≥41	8	6	3	2	3	1	3	4	2	1	4	2	3	2	1	72	SEA-1	117	3675	4571	4827
≥34	19	19	11	13	8	9	5	10	5	11	2	9	3	6	5	81	618-1	216	3625	4055	4692
≥28	35	21	38	26	19	16	11	16	11	9	5	7	4	7	7	70	396-1	302	3136	3473	4642
≥22	63	52	51	36	23	25	17	19	12	16	11	6	9	8	3	34	372-1	385	2448	2601	4613
≥17	76	77	59	34	25	24	12	18	14	9	9	8	3	5	1	10	132-1	384	1761	1789	4569
≥11	128	73	37	34	20	6	7	2	4	3		1				2	102-1	317	833	845	4558
≥7	107	45	25	12	5	2							1				78-1	197	370	373	4546
≥4	65	16	7	2													24-2	90	126	127	4545

HOURS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4565	4566
≥48		1		1	1		1		1	1	3		1		1	28	SEA-1	39	3838	5560	5625
≥41	1	4	2	7	2	4	4	5	3	4	4	4	4	1	2	54	1284-1	105	3910	4897	5108
≥34	17	10	17	13	6	9	10	9	10	3	7	9	2	2	4	75	732-1	203	3626	4319	4870
≥28	46	38	24	14	17	19	23	17	13	8	6	7	7	7	3	66	600-1	315	3294	3594	4704
≥22	90	56	45	37	17	21	25	11	11	13	9	8	5	5	5	30	414-1	388	2382	2582	4627
≥17	91	57	44	42	27	18	14	7	7	7	7	6	8	2	[illegible]	8	222-1	348	1534	1640	4549
≥11	116	51	29	20	24	6	4	3	2	1	3		2	[illegible]	[illegible]	[illegible]	78-2	261	680	725	4545
≥7	85	40	21	6	4		1										42-1	157	279	293	4545
≥4	68	13				1											36-1	82	100	108	4545

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-5	8	2380	4920	4925
≥48					1			1				1		1		24	SEA-1	28	2407	4777	4825
≥41	4	6	2	4	1	1	4					1	2	2	1	49	SEA-1	77	3359	4716	4884
≥34	16	5	7	8	16	10	3	5	6	5	6	2	4	5		81	840-1	179	3631	4334	4810
≥28	35	31	38	30	26	21	19	17	11	9	5	5	7	4	2	63	426-1	323	3204	3561	4677
≥22	78	61	52	54	42	19	13	17	9	12	7	4	5	3	4	32	312-1	412	2376	2498	4596
≥17	98	87	55	32	29	21	14	11	8	7	2	5	2		1	10	210-1	382	1527	1587	4562
≥11	120	55	36	17	16	9	7	1		1	1		2			1	138-1	266	667	683	4550
≥7	104	36	14	8	4	2	2	1									48-1	171	304	304	4545
≥4	65	13	3														18-3	81	100	100	4545

HOURS INTERVAL BETWELN EVENTS

13 — 50.3N 171.3W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	2201	4926	4928
≥48	4	1					1									27	SEA-1	33	2982	5260	5321
≥41	9	6		4	1	2		2	4	4	3	2	1	1		60	1194-1	99	3670	4726	4946
≥34	21	9	13	10	7	5	8	7	7	8	7	4	7	4	1	81	978-1	199	3537	4328	4887
≥28	48	29	14	22	17	22	20	16	23	9	10	6	5	6	4	57	396-1	308	2942	3447	4632
≥22	50	55	52	33	32	27	18	24	10	12	8	4	12	5	5	27	366-1	374	2314	2484	4565
≥17	84	65	62	46	32	26	14	12	5	5	8	5	3	4	2	6	120-2	379	1573	1652	4562
≥11	108	79	33	22	17	4	5	3	5	1	1			1			84-1	279	701	725	4548
≥7	105	35	20	6	3	2	2	1									48-1	174	308	311	4545
≥4	70	11	3	1		1											36-1	86	111	112	4545

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																11	SEA-4	11	2985	5425	5444
≥48	3	1	1	1	1	1	2	2	1	1		2	1		1	43	SEA-1	61	3397	4915	5059
≥41	11	5	3	3	5	4	2	1	3	4	4	2	2	5	4	67	1386-1	125	3558	4513	4830
≥34	27	15	21	16	12	10	8	6	10	6	10	4	5	7	6	83	552-1	246	3498	3989	4700
≥28	43	28	34	30	16	23	17	15	13	11	5	13	13	10	4	65	270-1	340	3139	3308	4612
≥22	69	61	57	42	24	25	21	17	16	17	8	13	4	9	2	25	246-1	410	2372	2464	4592
≥17	110	80	63	46	25	15	21	11	6	6	13	6	2	1	4	6	144-1	415	1630	1662	4572
≥11	148	75	46	17	12	10	4	2	5	1		1					72-1	321	735	746	4554
≥7	102	48	12	5	4	1	1										42-1	173	287	289	4545
≥4	72	7	1		1												30-1	81	94	94	4545

HOURS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-4	8	2291	5282	5288
≥48	3	2							1						1	39	SEA-1	46	3600	5124	5207
≥41	5	6	10	3	1	3	3	1	4	4	4	2	2	1	3	68	1152-1	120	3275	4475	4737
≥34	19	20	14	12	10	11	6	4	9	5	5	4	7	6	6	84	846-1	223	3407	3977	4625
≥28	47	28	39	21	24	18	8	8	14	13	3	9	10	9	7	71	330-1	329	3083	3367	4579
≥22	61	52	55	33	28	29	14	19	11	15	13	12	9	9	10	23	294-1	393	2465	2570	4560
≥17	125	89	63	39	25	25	10	13	9	8	1	11	2	3	3	9	156-1	435	1681	1727	4553
≥11	145	90	31	22	10	8	6	2	3	2	1	1		1		1	120-1	323	766	776	4550
≥7	110	40	16	11	2	3				1							60-1	183	320	323	4545
≥4	73	14	2	1													24-1	90	111	111	4545

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4811	4812
≥48																12	SEA-3	12	2427	5018	5036
≥41	3	1	1	1						2			1		1	34	2100-1	44	3449	5162	5254
≥34	1	4	1			1	2	4	1	4	1	1	5	4	2	63	1062-1	94	3631	4609	4894
≥28	21	11	8	7	1	9	8	6	8	7	8	11	5	9	8	75	690-1	202	3539	3968	4633
≥22	48	29	21	25	20	20	17	14	18	12	8	18	14	4	7	49	348-1	324	3017	3233	4586
≥17	72	49	46	45	31	21	23	15	15	11	8	10	5	6	3	23	294-1	383	2267	2394	4555
≥11	99	99	52	28	30	15	11	7	5	4	2	3	2	1	2	3	162-1	363	1215	1251	4549
≥7	126	70	41	15	8	4	2	4	1	1	1				1		90-1	274	604	611	4545
≥4	101	50	32	12	4	3	2	3	1	1					1		90-1	210	455	462	4545

HOURS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1															10	SEA-5	11	2647	5162	5170
≥48	1	4	2	1	1		3	1		2				1	2	41	1638-1	59	3356	5114	5229
≥41	4	10	2	4	2	5	2	1	5	4	5	2	2	2	5	66	1044-1	121	3587	4785	5082
≥34	25	16	12	6	7	13	9	10	10	13	4	4	10	7	8	74	846-1	228	3424	3987	4725
≥28	69	32	34	18	17	16	14	14	18	14	15	10	8	8	6	50	432-1	343	2901	3216	4612
≥22	87	63	45	38	29	20	20	16	18	12	9	6	7	4	3	23	288-1	398	2188	2308	4564
≥17	114	65	50	35	19	20	21	12	4	11	4	2	2	2		12	150-1	373	1485	1549	4552
≥11	120	75	39	23	14	6	5	1	1	2	1		1				78-1	288	681	685	4548
≥7	111	37	14	9	2	2											36-2	175	285	285	4546
≥4	65	11															12-11	76	87	87	4545

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48	4	2								2		1	1			30	1518-1	40	2763	4774	4838
≥41	8		2		2	2	1	1	1	2	4	2	3	3	1	47	1158-1	79	3382	4802	4986
≥34	17	9	11	14	9	7	5	11	5	5	4	4	11	8	4	71	1290-1	195	3852	4315	4862
≥28	36	35	28	26	22	16	24	10	9	10	6	13	10	5	2	54	576-1	306	3318	3543	4693
≥22	82	57	54	26	18	28	18	9	9	7	16	8	4	4	2	35	564-1	377	2435	2569	4679
≥17	98	65	29	32	28	27	12	7	7	9	2	4	4	6	3	14	174-1	347	1557	1637	4573
≥11	84	56	38	22	24	11	4	6	1	2		3					72-3	251	725	757	4549
≥7	78	35	23	9	3	2			1	1							60-1	152	299	315	4546
≥4	61	16	1	2			1										42-1	81	111	112	4545

HOURS INTERVAL BETWEEN EVENTS

FALL

2 — 59.4N 172.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	2201	4927	4929
≥48	1												1			21	SEA-1	23	2836	5053	5092
≥41	1	1	1		1	1		1		3	3		1	2		48	1224-1	63	3392	4529	4689
≥34	6	6	8	10	2	5	9	5	5	4	5		3	5	5	71	1158-1	149	3293	4224	4667
≥28	24	17	6	12	14	20	19	5	8	4	9	8	4	6	3	75	750-1	234	3172	3723	4717
≥22	42	32	20	30	26	19	6	18	15	9	3	5	6	5	10	48	318-1	294	2512	2812	4617
≥17	51	38	57	41	33	23	17	19	7	6	6	5	5	5	1	19	252-1	333	1841	1916	4591
≥11	64	81	38	22	13	12	4	4	4	5	2		3			3	126-1	255	827	846	4545
≥7	95	41	15	10	3		3	2	1			1					72-1	171	335	341	4545
≥4	57	17	5														18-5	79	106	107	4545

HOURS INTERVAL BETWEEN EVENTS

3 — 58.5N 151.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	2186	4912	4914
≥48	1															11	SEA-3	12	2866	5333	5346
≥41	2	2													1	28	1800-1	34	2861	5135	5205
≥34	7	5	1	1	3	4	5	2	3	3	1	1	2	1		66	1134-1	105	3917	4647	4907
≥28	15	1	9	12	17	8	10	8	9	6	4	7	6	4	3	83	582-1	202	3595	3973	4654
≥22	39	30	39	24	18	23	21	13	10	9	5	10	6	10	11	53	444-1	321	2886	3129	4571
≥17	66	50	50	39	35	28	20	14	16	6	4	5	6	9	5	24	222-1	377	2131	2273	4559
≥11	96	89	50	33	20	15	11	11	7	5	1		2	2		2	138-1	344	1128	1170	4550
≥7	126	61	28	15	8	8	3	1	1			1					72-1	252	530	540	4546
≥4	99	24	8	6	1	1											36-1	139	206	212	4545

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48						1					1					18	SEA-5	20	3565	5811	5840
≥41	2		2	4	1	2	2	2	2	4						37	SEA-1	58	3974	5313	5440
≥34	8	5	8	11	3	1	6	2	4	5			1	3	3	65	1398-1	125	3831	4627	4991
≥28	29	10	16	13	10	7	13	7	5	8	2	6	8	7	3	68	582-1	212	3458	3963	4735
≥22	47	29	33	21	15	21	15	17	10	11	10	4	8	7	4	58	396-1	310	2869	3132	4660
≥17	75	43	37	29	19	25	15	18	15	9	10	5	5	4	2	30	330-1	341	2122	2288	4609
≥11	98	76	39	29	21	18	16	10	6	2	2	2	3	1	3	2	108-1	328	1140	1191	4557
≥7	89	66	32	17	10	5	2	2	1								54-1	224	504	520	4545
≥4	97	24	4	2	2	2											36-2	131	187	188	4545

HOURS INTERVAL BETWEEN EVENTS

6 — 54.9N 167.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-4	5	1833	4570	4571
≥48								1	1	1						21	SEA-2	24	3376	5468	5509
≥41		3	1		1		2		1			1				48	1464-1	57	3382	4809	4937
≥34	11	6	8	7	2	2	5	3	2	5	3	3	2		2	69	1242-1	130	3550	4317	4688
≥28	25	23	14	17	6	15	11	6	13	11	11	10	3	6	5	67	438-2	243	3226	3779	4632
≥22	67	35	33	30	31	20	20	10	18	12	5	10	7	9	6	43	282-1	356	2641	2881	4595
≥17	71	82	58	41	22	19	16	10	6	16	7	7	5	2	2	14	276-1	378	1815	1901	4569
≥11	114	77	40	31	14	9	8	5	5	2		3			1	1	108-1	310	866	909	4550
≥7	106	48	22	5	4	4		1	1	1							60-1	192	359	378	4545
≥4	66	17	2	1	1	2											36-2	89	127	128	4545

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1											1				10	SEA-5	12	2563	5276	5292
≥48	1		1	1					2	1	1		1		1	35	SEA-1	44	3368	4722	4816
≥41	8	6	3	[illegible]	3	1	3	4	2	1	4	2	3	2	1	72	SEA-1	117	3675	4571	4827
≥34	19	19	11	13	8	9	5	10	5	11	2	9	3	6	5	81	618-1	216	3625	4055	4692
≥28	35	21	38	26	19	16	11	16	11	9	5	7	4	7	7	70	396-1	302	3136	3473	4642
≥22	63	52	51	36	23	25	17	19	12	16	11	6	9	8	3	34	372-1	385	2448	2601	4613
≥17	76	77	59	34	25	24	12	18	14	9	9	8	3	5	1	10	132-1	384	1761	1789	4569
≥11	128	73	37	34	20	6	7	2	4	3		1				2	102-1	317	833	845	4558
≥7	107	45	25	12	5	2							1				78-1	197	370	373	4546
≥4	65	16	7	2													24-2	90	126	127	4545

HOURS INTERVAL BETWEEN EVENTS

9 — 51.7N 158.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-4	7	2253	5268	5274
≥48		1			1							1				27	SEA-1	30	3236	5432	5479
≥41	1	4	2	2	1	1	2		2	2			2		2	52	1404-1	73	3589	4934	5091
≥34	11	8	5	9	4	7	2	3	2	1	4	1	3	3	2	75	1050-1	140	3657	4442	4819
≥28	23	20	26	12	16	9	3	8	6	7	3	8	10	8	2	73	810-1	234	3294	3851	4648
≥22	48	35	40	30	24	15	13	9	10	10	10	10	15	3	10	50	360-1	332	2838	3042	4629
≥17	77	65	49	42	23	15	20	17	15	12	5	7	4	6	3	21	204-1	381	2023	2103	4574
≥11	106	76	37	19	22	13	6	14	3	4	3			1	1	2	108-1	307	950	964	4560
≥7	104	47	25	10	5	5	2	1	1	2							60-2	202	419	420	4547
≥4	78	20	5	4	2												30-2	109	159	160	4545

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-5	8	2380	4920	4925
≥48					1			1				1		1		24	SEA-1	28	2407	4777	4825
≥41	4	6	2	4	1	1	4					1	2	2	1	49	SEA-1	77	3359	4716	4884
≥34	16	5	7	8	16	10	3	5	6	5	6	2	4	5		81	840-1	179	3631	4334	4810
≥28	35	31	38	30	26	21	19	17	11	9	5	5	7	4	2	63	426-1	323	3204	3561	4677
≥22	78	61	52	54	42	19	13	17	9	12	7	4	5	3	4	32	312-1	412	2376	2498	4596
≥17	98	87	55	32	29	21	14	11	8	7	2	5	2		1	10	210-1	382	1527	1587	4562
≥11	120	55	36	17	16	9	7	1		1	1		2			1	138-1	266	667	683	4550
≥7	104	36	14	8	4	2	2	1									48-1	171	304	304	4545
≥4	65	13	3														18-3	81	100	100	4545

HOURS INTERVAL BETWEEN EVENTS

12 — 50.9N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	1883	4563	4566
≥48	1	5	2				2		1		1	2				24	SEA-1	38	3095	5486	5553
≥41	7	1	6	1	3	3	3	1	4	3	3	4	1		2	58	SEA-1	100	4044	5158	5387
≥34	19	18	16	12	9	8	10	9	6	7	5	6	7	1	2	79	828-1	214	3610	4207	4834
≥28	51	52	35	38	16	16	16	11	8	9	7	7	7	2	8	55	732-1	338	3028	3289	4609
≥22	97	59	47	28	16	24	17	13	17	7	5	3	10		1	31	420-1	375	2100	2260	4566
≥17	107	70	36	22	20	17	7	11	7	2	6	7	4	4	1	7	282-1	328	1315	1394	4553
≥11	93	40	21	22	7	10	5	2	3	2		2	1	1		1	102-1	210	585	601	4548
≥7	72	25	10	10	5	2	2										42-2	126	243	244	4545
≥4	48	11	1														18-1	60	73	73	4545

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																11	SEA-4	11	2985	5425	5444
≥48	3	1	1	1	1	1	2	2	1	1		2	1		1	43	SEA-1	61	3397	4915	5059
≥41	11	5	3	3	5	4	2	1	3	4	4	2	2	5	4	67	1386-1	125	3558	4513	4830
≥34	27	15	21	16	12	10	8	6	10	6	10	4	5	7	6	83	552-1	246	3498	3989	4700
≥28	43	28	34	30	16	23	17	15	13	11	5	13	13	10	4	65	270-1	340	3139	3308	4612
≥22	69	61	57	42	24	25	21	17	16	17	8	13	4	9	2	25	246-1	410	2372	2464	4592
≥17	110	80	63	46	25	15	21	11	6	6	13	6	2	1	4	6	144-1	415	1630	1662	4572
≥11	148	75	46	17	12	10	4	2	5	1		1					72-1	321	735	746	4554
≥7	102	48	12	5	4	1	1										42-1	173	287	289	4545
≥4	72	1		1													30-1	81	94	94	4545

HOURS INTERVAL BETWEEN EVENTS

15 — 49.0N 128.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4860	4861
≥48			1					1			1		1			22	SEA-3	26	3764	5888	5922
≥41	4	2		1	4	2	1	1		2	3	2	1	1	2	41	1176-1	67	3311	5014	5153
≥34	16	6	4	9	1	3	8	11	4	2	5	5	2	3	2	62	978-1	143	3732	4606	4993
≥28	24	11	20	12	10	9	16	4	13	8	3	9	3	5	4	66	708-1	217	3430	3982	4725
≥22	44	44	18	22	14	23	18	19	20	10	10	6	4		4	56	504-1	312	2853	3193	4584
≥17	71	55	45	22	27	28	16	21	8	6	7	3	3	4	3	35	258-1	354	2228	2357	4577
≥11	94	70	47	30	28	19	7	6	8	5	3	6	1	1	2	4	120-3	331	1208	1260	4555
≥7	89	54	42	16	10	8	4	2	1	1			2				78-2	229	574	598	4545
≥4	88	29	10	5	5		1										42-1	138	228	230	4545

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4811	4812
≥48																12	SEA-3	12	2427	5018	5036
≥41										2			1		1	34	2100-1	44	3449	5162	5254
≥34					1	2	4	1	4	1	1	1	5	4	2	63	1062-1	94	3631	4609	4894
≥28	2	[illegible]	8	[illegible]	1	9	8	6	8	7	8	11	5	9	8	75	690-1	202	3539	3968	4633
≥22	48	29	21	25	20	20	17	14	18	12	8	18	14	4	7	49	348-1	324	3017	3233	4586
≥17	72	49	46	45	31	21	23	15	15	11	8	10	5	6	3	23	294-1	383	2267	2394	4555
≥11	99	99	52	28	30	[illegible]	7	5	4	2	3	2	1		2	3	162-1	363	1215	1251	4550
≥7	[illegible]	[illegible]	[illegible]	18	5	8	4	2	4	1		1			1		90-1	274	604	611	4545
≥4	[illegible]	[illegible]	[illegible]	[illegible]	4	3	3										90-1	210	455	462	4545

HOURS INTERVAL BETWEEN EVENTS

18 — 45.6N 144.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	1951	4646	4649
≥48		2	1							1	1			1		22	SEA-2	28	3160	5505	5560
≥41	3	1	5		2	1	3	2	2	3	1	3	3	2	4	52	SEA-1	87	3877	5104	5278
≥34	18	10	16	6	7	7	7	6	9	4	6	8	7	4	10	64	1314-1	189	3731	4355	4891
≥28	37	25	30	17	13	28	16	12	15	7	8	10	9	4	6	57	648-1	294	3243	3606	4749
≥22	67	44	45	28	28	17	12	17	7	9	13	6	5	2	5	39	384-1	344	2365	2495	4566
≥17	76	56	49	23	21	20	11	14	5	5	3	6	4	5	2	13	318-1	313	1490	1588	4552
≥11	95	51	33	22	12	5	6	7	2	2	4	2	1	1			84-1	243	705	725	4545
≥7	74	40	12	10	5	3	5										42-5	149	308	308	4548
≥4	60	16	2	1	1												30-1	80	107	107	4545

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48										2		1	1			30	1518-1	40	2763	4774	4838
≥41	8								1	2	4	2	3	3	1	47	1158-1	79	3382	4802	4986
≥34	9	1	4	9	1	7	5	11	5	5	4	4	11	8	4	71	1290-1	195	3852	4315	4862
≥28	36	35	28	26	22	16	24	10	9	10	6	13	10	5	2	54	576-1	306	3318	3543	4693
≥22	82	57	54	26	18	28	18	9	9	7	16	8	4	4	2	35	564-1	377	2435	2569	4679
≥17	[illegible]	65	29	32	28	27	12	7	7	9	2	4	4	6	3	14	174-1	347	1557	1637	4573
≥11	84	58	38	22	24	11	4	6	1	2		3					72-3	251	725	757	4549
≥7	78	35	23	9	3	2				1							60-1	152	299	315	4546
≥4	61	16	1	2				1									42-1	81	111	112	4545

HOURS INTERVAL BETWEEN EVENTS

21 — 43.7N 128.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	2143	4869	4870
≥48				1				1		1	1					19	SEA-1	23	3086	5507	5540
≥41	7			1	3	3	3	2		1	1		4	1		36	1326-1	62	3156	5074	5191
≥34	9	6	8	4	1	7	3	1	5	3	4	1	2	4	1	55	750-1	114	3397	4718	5034
≥28	25	15	14	8	7	5	8	5	7	9	3	8	3	4	2	67	660-1	190	3382	4153	4809
≥22	40	27	22	28	9	16	11	16	5	6	9	10	5		3	62	450-1	269	2978	3329	4645
≥17	55	48	32	34	29	20	19	8	5	9	11	5	2	9		41	438-1	327	2324	2479	4566
≥11	94	66	52	18	16	13	18	9	9	6	6	4	4	6		7	138-1	328	1330	1344	4553
≥7	105	49	28	15	17	9	5	7	2		1						66-1	238	606	611	4548
≥4	83	21	13	5	1	2											36-2	125	201	201	4546

HOURS INTERVAL BETWEEN EVENTS

22 — 42.8N 167.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48	1				1		1			1				1		23	SEA-3	28	2878	5138	5181
≥41	4	2	2	2	1	1	3	3				1	1	2	2	43	1692-1	67	3449	5006	5160
≥34	22	8	8	7	11	7	5	4	8	2	4	5	3	4	3	65	1380-1	166	3550	4249	4707
≥28	37	38	19	16	16	9	9	8	14	11	5	6	3	9	6	66	978-1	272	3115	3575	4590
≥22	92	49	46	29	21	17	26	14	17	12	10	2	7	3	4	37	264-1	386	2472	2654	4558
≥17	98	69	46	35	32	23	12	14	12	10	4	3	4	2	2	12	186-1	378	1663	1738	4553
≥11	93	68	45	25	14	12	6	4	2	1	2	1			1		90-1	274	757	821	4546
≥7	107	39	28	10	5	3	1		1								54-1	194	368	387	4546
≥4	71	20	5	1													24-1	97	130	133	4545

HOURS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																10	SEA-5	10	2873	5412	5421
≥48		1	1	1	2	1		1	1			2	3	1		27	SEA-2	41	3460	5458	5528
≥41	8	2	4	4	1	5	1	1	3		3	2	2	1	2	58	1440-1	97	3348	4638	4841
≥34	16	23	14	10	6	9	7	8	7	4	8	8	6	7	4	74	888-1	211	3640	4170	4736
≥28	47	43	28	19	16	17	17	10	11	13	12	5	10	9	9	61	438-1	327	3231	3509	4647
≥22	86	60	42	47	22	30	21	11	17	12	11	12	4	7	4	31	246-1	417	2470	2602	4591
≥17	118	69	59	33	34	17	17	15	7	4	10	6	3	3	2	10	162-1	407	1674	1748	4550
≥11	117	101	44	23	18	10	4	3	6				1	1			84-1	328	826	863	4545
≥7	131	45	14	5	4	4	2	2									48-2	207	357	359	4545
≥4	68	8	2	2													24-2	80	98	98	4545

HOURS INTERVAL BETWEEN EVENTS

25 — 40.2N 131.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4565	4565
≥48	1															5	SEA-5	6	1841	4779	4781
≥41	1															8	SEA-6	9	2714	5152	5167
≥34	1	1					1					1				30	SEA-1	34	3679	5093	5161
≥28	4	3	1		2	2	3	2	2	2	1	3	1	1	3	56	1386-1	86	3558	4549	4756
≥22	24	9	4	6	2	1	5	9	4	3	7	7	4	6	3	84	1122-1	178	3535	4069	4641
≥17	29	21	20	6	14	9	12	11	12	11	14	11	6	9	8	72	432-1	265	3186	3461	4578
≥11	71	52	36	30	33	32	27	14	8	12	8	7	5	6	4	26	270-1	371	2195	2304	4548
≥7	132	79	57	38	28	8	12	6	5	5	4	4	1	2	3	6	144-1	390	1315	1351	4544
≥4	123	71	38	19	7	8	9	5	3	3		2	1	1	1	3	114-1	294	818	843	4544

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																14	SEA-5	14	3234	5361	5374
≥41	1		1								1			1	1	26	SEA-1	31	3591	5166	5217
≥34	3	4	2		1		2	2	3	2		5	2	3	4	67	804-1	100	3741	4520	4713
≥28	19	9	7	9	10	8	5	11	3	3	4	7	7	5	4	89	666-1	200	3569	4145	4669
≥22	51	32	38	20	25	10	16	16	18	15	11	8	7	8	5	65	384-1	345	3146	3441	4585
≥17	83	72	47	47	42	30	28	22	19	15	12	5	2	4	5	24	180-1	457	2464	2611	4564
≥11	151	98	62	40	27	23	12	9	4	1	3	1	2	1	2	4	168-1	440	1362	1403	4545
≥7	155	97	30	22	11	6	1	1	1								54-1	324	642	651	4545
≥4	124	30	11	2													24-2	167	225	226	4545

HOURS INTERVAL BETWEEN EVENTS

28 — 36.1N 123.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																6	SEA-5	6	2017	4565	4565
≥41											1					9	SEA-5	10	2504	5060	5071
≥34											2		1			21	SEA-3	24	3102	5352	5396
≥28	11	1	3	3	3	1	4		1	1	1	1	1		4	37	1638-1	72	3130	4737	4910
≥22	17	16	6	5	9	2	7	4	4	1	3	1	4	2	4	70	810-1	155	3362	4188	4714
≥17	48	38	24	11	16	14	11	10	12	6	6	4	10	4	6	63	630-1	283	3130	3490	4616
≥11	98	63	44	25	20	22	18	17	13	5	8	11	2	2	5	29	198-1	382	2057	2160	4563
≥7	125	63	40	32	22	18	15	6	1	4	2	1	1	1		1	102-3	334	1031	1044	4545
≥4	121	45	26	14	4	2		2									48-2	214	393	395	4545

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	2095	4821	4823
≥48									1							12	SEA-5	13	2583	5153	5168
≥41		1						1				1				28	1980-1	31	2833	5011	5070
≥34	3	6	6	6	1	2	4	2	2	3	3	4	1		1	47	1080-1	91	3297	4645	4848
≥28	26	23	11	8	7	4	6	8	6	4	5	3	2	2	1	64	1182-1	180	3540	4246	4777
≥22	44	44	20	23	18	8	14	16	9	8	5	7	8	6	7	64	480-1	303	3155	3437	4619
≥17	87	47	38	32	32	15	27	8	15	7	7	8	5	4	3	41	228-1	376	2420	2506	4568
≥11	111	82	39	39	25	23	10	7	5	7	4	3	3	1	1	2	156-1	362	1244	1272	4550
≥7	120	77	34	17	5	3	3		2	1							60-1	262	536	538	4545
≥4	91	23	4	6	1												30-1	125	178	178	4545

HOURS INTERVAL BETWEEN EVENTS

31 — 35.6N 155.2W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4565	4565
≥48																10	SEA-4	10	2696	5362	5367
≥41	1	1	1			1	1	2	1		2		2			27	SEA-2	39	2995	5203	5253
≥34	7	3	4	2	2	3	1	2	3			1		1	1	40	1272-1	70	3290	4861	5027
≥28	20	15	8	11	5	6	4	4	2	4	4	1	3	2	1	64	1020-1	154	3390	4332	4797
≥22	32	31	19	11	6	13	11	11	7	9	11	2	5	4	2	71	486-1	245	3281	3598	4676
≥17	61	43	25	21	30	21	16	14	8	7	6	5	6	5	4	46	342-1	318	2514	2712	4584
≥11	99	51	46	46	34	18	11	4	9	5	1	4	4	1	5	6	180-1	344	1378	1444	4551
≥7	120	55	35	17	10	9	4	2	3			3					72-3	258	614	635	4544
≥4	85	29	11	4	3	1											36-1	133	213	224	4544

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																8	SEA-5	8	2604	5162	5167
≥41	1	1						2	1						1	11	SEA-3	17	2335	4963	4986
≥34	3	1	1	3			2	2		2	1					27	1722-1	42	3046	5104	5202
≥28	12	8	7	4	3	5	6	3	2		2		4		2	49	1014-1	107	3518	4636	4957
≥22	27	16	9	17	10	9	7	3	5	6	5	6	6	1	2	78	558-1	207	3584	4020	4831
≥17	54	29	25	18	23	20	7	12	10	6	8	10	6	3	7	55	372-1	293	2787	3108	4674
≥11	81	35	41	39	22	13	17	8	9	7	9	3		1	3	21	234-1	309	1612	1690	4574
≥7	105	68	39	28	12	7	5	1	5	1	2		1	1			84-1	275	719	740	4552
≥4	73	44	10	3	4		1										42-1	135	230	234	4549

HOURS INTERVAL BETWEEN EVENTS

34 — 34.2N 155.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																6	SEA-6	6	2208	4996	4998
≥41	1															7	SEA-6	8	2308	5028	5034
≥34					1	1			1							23	SEA-2	26	3357	5211	5246
≥28	5	1	3	1	3	3	4			2	1	2	3	1	2	54	1062-1	85	3394	4559	4731
≥22	21	15	10	11	14	9	7	1	6	6	3	10	8	7	4	84	768-1	218	3515	4060	4664
≥17	48	33	34	22	19	22	26	21	16	12	13	10	11	12	3	51	342-1	353	3014	3241	4578
≥11	117	80	71	45	36	22	23	16	15	3	2	9	4	3	4	3	144-1	453	1777	1852	4548
≥7	143	105	44	36	16	7	2	4	1								72-1	359	818	833	4545
≥4	126	41	15	4													42-1	187	276	280	4545

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4789	4794
≥41																8	SEA-5	8	2377	5081	5090
≥34	2				1		1				1		1	1	1	23	2148-1	30	2997	5121	5177
≥28	11	2	4	7	3	3		4	1	2	4	6	1		1	53	1170-1	102	3382	4453	4673
≥22	40	17	13	25	17	14	10	10	10	5	4	10	9	9	6	63	756-1	266	3265	3832	4581
≥17	71	39	44	33	33	23	14	20	19	12	8	4	9	4	5	47	330-1	385	2746	2957	4560
≥11	124	93	57	37	34	23	20	5	9	5	3	4		3	2	7	132-1	426	1528	1597	4555
≥7	136	76	41	21	15	4	3	1	1			2					72-2	300	656	676	4547
≥4	111	33	7	2	3		1										42-1	157	228	232	4545

HOURS INTERVAL BETWEEN EVENTS

37 — 32.9N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4564	4564
≥48																5	SEA-5	5	1840	4564	4564
≥41																5	SEA-5	5	1840	4564	4564
≥34																5	SEA-5	5	1840	4564	4564
≥28	1															14	SEA-2	15	2840	5230	5246
≥22	7	4	3	2		1		3		1	3	1		1	2	43	1650-1	72	3058	4714	4873
≥17	24	19	11	5	6	5	6	5	7	4	2	3	2	5	3	61	1134-1	168	3279	4251	4753
≥11	86	54	31	21	16	15	21	20	10	18	9	4	4	3	7	44	300-1	363	2604	2808	4573
≥7	179	77	54	23	24	10	12	12	7	2	3	2	3		1	7	120-1	412	1267	1325	4548
≥4	143	61	35	18	10	8	3	5	3	1	1						102-1	289	666	680	4547

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																5	SEA-5	5	1840	4566	4566
≥34																9	SEA-4	9	2042	4828	4835
≥28	3		1													21	SEA-1	25	3042	5117	5172
≥22	9	1	3	3	1	1	2	1	1	2	5	1	1		1	51	804-1	83	3266	4547	4790
≥17	36	15	15	9	9	9	6	7	8	4	5	5	4	2	6	72	666-1	212	3304	3850	4665
≥11	74	31	21	28	21	19	13	11	9	10	8	9	4	7	2	43	276-1	310	2300	2452	4586
≥7	110	44	47	28	25	19	10	10	9	6	8	4	1	2	1	3	132-1	327	1229	1274	4548
≥4	123	48	26	14	8	7	2	1									48-1	229	457	469	4545

HOURS INTERVAL BETWEEN EVENTS

40 — 29.6N 165.0W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41		1														11	SEA-2	12	2257	4730	4739
≥34	1															17	SEA-2	18	2542	4784	4813
≥28	7	3		1	2	2	2				1	1			2	35	1830-1	56	2891	4541	4675
≥22	33	9	14	10	4	8	5	2	1	4	2	2		3	4	65	780-1	166	3322	4170	4707
≥17	44	21	21	15	14	7	7	10	12	7	6	4	3	7	4	69	432-1	251	3007	3379	4627
≥11	76	32	49	32	23	14	18	17	7	7	12	8	5	4	5	22	168-2	331	1888	1976	4554
≥7	111	61	39	23	22	10	8	4	11	2	2	3			1	2	120-1	299	928	955	4548
≥4	98	40	13	7	6	3	2										42-2	167	305	315	4548

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41															1	6	SEA-4	7	1869	4595	4597
≥34															1	8	SEA-3	10	2141	4719	4725
≥28	2						2	1							1	18	SEA-2	24	3202	5417	5463
≥22	10	1	4	3	1	3	1	1		1	1				1	50	SEA-1	77	3265	4543	4769
≥17	33	12	11	4	5	9	5	7	7	6	6	4	6	2	3	80	678-1	200	3415	3963	4671
≥11	83	47	31	24	19	25	23	19	12	21	8	10	8	6	5	26	222-1	367	2299	2457	4574
≥7	131	72	45	28	24	21	11	7	3	4	3	2	1	1		3	186-1	356	1121	1155	4547
≥4	118	52	28	14	5	2	1										54-1	221	415	420	4545

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

23 — **42.4N 172.1E**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																10	SEA-5	10	2873	5412	5421
≥48		1	1	1	2	1		1	1			2	3	1		27	SEA-2	41	3460	5458	5528
≥41	8	2	4	4	1	5	1	1	3		3	2	2	1	2	58	1440-1	97	3348	4638	4841
≥34	16	23	14	10	6	9	7	8	7	4	8	8	6	7	4	74	888-1	211	3640	4170	4736
≥28	47	43	28	19	16	17	17	10	11	13	12	5	10	9	9	61	438-1	327	3231	3509	4647
≥22	86	60	42	47	22	30	21	11	17	12	11	12	4	7	4	31	246-1	417	2470	2602	4591
≥17	118	69	59	33	34	17	17	15	7	4	10	6	3	3	2	10	162-1	407	1674	1748	4550
≥11	117	101	44	23	18	10	4	3	6				1	1			84-1	328	826	863	4545
≥7	131	45	14	5	4	4	2	2									48-2	207	357	359	4545
≥4	68	8	2	2													24-2	80	98	98	4545

HOURS INTERVAL BETWEEN EVENTS

24 — **41.0N 134.9W**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	2155	4881	4882
≥48																12	SEA-4	12	2560	5176	5189
≥41	2	2	2		1	1	2	2			3	1				31	1506-1	47	3287	5240	5319
≥34	9	2	5	5	3	2	5			4	4	3	1	1	1	50	1506-1	95	3600	4886	5133
≥28	13	11	14	15	11	5	8	13	9	8	4	4	3	5	5	65	786-1	193	3413	4187	4810
≥22	43	31	27	23	23	19	20	6	10	7	4	6	4	7	3	54	558-1	287	2941	3379	4720
≥17	57	49	33	24	25	10	13	9	15	13	11	7	4	3	3	39	288-1	315	2304	2520	4631
≥11	76	63	31	30	18	17	17	9	7	6	4	3	4	3	1	8	138-1	297	1265	1314	4559
≥7	76	52	27	20	15	14	2	1	3	1						1	126-1	212	580	589	4546
≥4	95	21	12	5	2												30-2	135	203	204	4545

HOURS INTERVAL BETWEEN EVENTS

26 — **39.5N 153.8E**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																14	SEA-5	14	3234	5361	5374
≥41	1		1								1			1	1	26	SEA-1	31	3591	5166	5217
≥34	3	4	2		1		2	2	3	2		5	2	3	4	67	804-1	100	3741	4520	4713
≥28	19	9	7	9	10	8	5	11	3	3	4	7	7	5	4	89	666-1	200	3569	4145	4669
≥22	51	32	38	20	25	10	16	16	18	15	11	8	7	8	5	65	384-1	345	3146	3441	4585
≥17	83	72	47	47	42	30	28	22	19	15	12	5	2	4	5	24	180-1	457	2464	2611	4564
≥11	151	98	62	40	27	23	12	9	4	1	3	1	2	1	2	4	168-1	440	1362	1403	4545
≥7	155	97	30	22	11	6	1	1	1								54-1	324	642	651	4545
≥4	124	30	11	2													24-2	167	225	226	4545

HOURS INTERVAL BETWEEN EVENTS

27 — **36.2N 127.4W**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																9	SEA-5	9	2557	5068	5081
≥34		1		1	1						1	1	1			20	SEA-1	26	2891	5100	5169
≥28	9	1	3	1	1				3	1	1		1	1	1	39	1710-1	62	3236	4999	5188
≥22	20	10	4	7	1	5	4	5	6	4	4	6	5	2	1	72	732-1	156	3481	4236	4800
≥17	51	17	13	18	15	14	9	5	9	14	4	6	9	5	7	66	504-1	262	3064	3390	4644
≥11	66	42	36	21	24	16	17	18	4	7	10	11	5	8	4	17	246-1	306	1803	1925	4562
≥7	87	46	34	21	26	14	12	9	4	3	2			2	1	2	120-1	263	905	962	4545
≥4	91	37	25	12	9	2	1	1									48-1	178	360	378	4545

HOURS INTERVAL BETWEEN EVENTS

29 — **35.9N 171.0W**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-5	6	2095	4821	4823
≥48									1							12	SEA-5	13	2583	5153	5168
≥41		1						1				1				28	1980-1	31	2833	5011	5070
≥34	3	6	6	6	1	2	4	2	2	3	3	4	1		1	47	1080-1	91	3297	4645	4848
≥28	26	23	11	8	7	4	6	8	6	4	5	3	2	2	1	64	1182-1	180	3540	4246	4777
≥22	46	44	20	23	18	8	14	16	9	8	5	7	8	6	7	64	480-1	303	3155	3437	4619
≥17	87	47	38	32	32	15	27	8	15	7	7	8	5	4	3	41	228-1	376	2420	2506	4568
≥11	111	82	39	39	25	23	10	7	5	7	4	3	3	1	1	2	156-1	362	1244	1272	4550
≥7	120	77	34	17	5	3	3		2	1							60-1	262	536	538	4545
≥4	91	23	4	6	1												30-1	125	178	178	4545

HOURS INTERVAL BETWEEN EVENTS

30 — **35.7N 176.1E**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48								1								9	SEA-3	10	2269	4921	4933
≥41	2	2				1		1		1						18	SEA-4	25	3065	5302	5340
≥34	10	2	1	3	5	3	1	1	2	3	2	2	1		1	49	1716-1	86	3733	4777	4950
≥28	14	6	13	11	4	7	7	8	6	5	3	6	6	3	2	65	1032-1	166	3449	4168	4653
≥22	44	24	21	25	19	18	15	9	10	8	4	9	8	10	4	58	564-1	286	3124	3535	4581
≥17	75	42	44	37	25	20	13	18	13	9	6	7	12	6	5	36	336-1	368	2485	2718	4557
≥11	123	104	56	32	23	24	17	8	6	3	6	1		3	2	3	138-2	411	1366	1418	4547
≥7	154	71	38	20	9	7	3	2	1			1					72-1	306	635	640	4547
≥4	126	27	9	2								1					72-1	165	227	227	4545

HOURS INTERVAL BETWEEN EVENTS

32 — **35.4N 142.0W**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																8	SEA-5	8	2604	5162	5167
≥41		1	1					2	1				1			11	SEA-3	17	2335	4963	4986
≥34	3	1	1	3			2	2		2	1					27	1722-1	42	3046	5104	5202
≥28	12	8	7	4	3	5	6	3	2		2		4		2	49	1014-1	107	3518	4636	4957
≥22	27	16	9	17	10	9	7	3	5	6	5	6	6	1	2	78	558-1	207	3584	4020	4831
≥17	54	29	25	18	23	20	7	12	10	6	8	10	6	3	7	55	372-1	293	2787	3108	4674
≥11	81	35	41	39	22	13	17	8	9	7	9	3		1	3	21	234-1	309	1612	1690	4574
≥7	105	68	39	28	12	7	5	1	5	1	2		1	1			84-1	275	719	740	4552
≥4	73	44	10	3	4		1										42-1	135	230	234	4549

HOURS INTERVAL BETWEEN EVENTS

33 — **34.6N 145.9E**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																6	SEA-6	6	2208	4859	4860
≥41			2													8	SEA-7	10	2743	5359	5367
≥34	2	2						1								15	SEA-3	20	2981	5423	5450
≥28	8	1		1	3	1		3				1	1	1	2	54	1446-1	76	3610	4712	4854
≥22	23	15	7	5	5	3	4	9	7	3	9	8	6	7	4	76	762-1	191	3465	4103	4628
≥17	52	32	32	22	10	12	16	17	13	20	16	9	14	4	8	55	360-1	332	3001	3392	4590
≥11	116	71	54	50	26	37	24	21	12	11	7	5	3	5	2	7	222-1	451	1955	2033	4554
≥7	167	90	61	33	16	11	4	4	2						1		90-1	389	901	912	4546
≥4	143	49	19	7			1	1									48-1	220	341	344	4545

HOURS INTERVAL BETWEEN EVENTS

35 — **34.2N 163.8E**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4789	4794
≥41																8	SEA-5	8	2377	5081	5090
≥34	2				1		1				1		1	1		23	2148-1	30	2997	5121	5177
≥28	11	2	4	7	3	3		4	1	2	4	6	1		1	53	1170-1	102	3382	4453	4673
≥22	40	17	13	25	17	14	10	10	10	10	5	4	10	9	9	63	756-1	266	3265	3832	4581
≥17	71	39	44	33	33	23	14	20	19	12	8	4	9	4	5	47	330-1	385	2746	2957	4560
≥11	124	93	57	37	34	23	20	5	9	5	3	4		3	2	7	132-1	426	1528	1597	4555
≥7	136	76	41	21	15	4	3	1	1			2					72-2	300	656	676	4547
≥4	111	33	7	2	3		1										42-1	157	228	232	4545

HOURS INTERVAL BETWEEN EVENTS

36 — **33.7N 123.9E**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																6	SEA-6	6	2208	4853	4854
≥41																9	SEA-4	9	2829	5352	5360
≥34	1						1	1								32	1656-1	35	3299	5308	5382
≥28	5	2	1		1		3		1		1		4	1	1	59	1302-1	79	3596	4682	4909
≥22	11	2	1	4	4	4	3	8	7	1	7	2	4	3	5	72	930-1	138	3348	4100	4650
≥17	42	11	13	11	7	6	14	13	10	6	10	10	11	13	7	62	438-2	246	3102	3439	4611
≥11	67	39	34	27	30	20	26	9	8	14	13	11	3	4	6	19	180-1	330	1935	2008	4569
≥7	105	59	37	26	21	17	8	4	6	6	2	2	1		2	2	108-1	298	970	1001	4555
≥4	93	47	24	16	11	9	3	3	1	2	1			1	1	1	96-1	213	562	572	4555

HOURS INTERVAL BETWEEN EVENTS

38 — **31.5N 127.7W**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																5	SEA-5	5	1840	4566	4566
≥34																9	SEA-4	9	2042	4828	4835
≥28	3		1													21	SEA-1	25	3042	5117	5172
≥22	9	1	3	3	1	1	2	1	2	5	1	1		1	1	51	804-1	83	3266	4547	4790
≥17	36	15	15	9	9	9	6	7	8	4	5	5	4	2	6	72	666-1	212	3304	3850	4665
≥11	74	31	21	28	21	19	13	11	9	10	8	9	4	7	2	43	276-1	310	2300	2452	4586
≥7	110	44	47	28	25	19	10	10	9	6	8	4	1	2	1	3	132-1	327	1229	1274	4548
≥4	123	48	26	14	8	7	2	1									48-1	229	457	469	4545

HOURS INTERVAL BETWEEN EVENTS

39 — **29.9N 177.3W**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4565	4566
≥41								1								8	SEA-6	9	2491	5278	5290
≥34	3						1	1								18	SEA-2	23	2865	5193	5239
≥28	5	3	1	3	1		2	1				1	1			38	1998-1	56	3741	4946	5102
≥22	23	13	11	6	5	3	2	5	5	4	4	2	10	3	1	63	1140-1	160	3402	4166	4700
≥17	44	14	16	19	16	11	13	8	12	3	8	8	8	8	3	58	600-1	249	3062	3412	4603
≥11	78	55	44	30	21	21	16	12	11	6	9	3	4	5	4	26	240-1	345	1928	2081	4583
≥7	113	71	55	33	15	12	11	2	4	3	1	3	2		3	1	96-1	329	992	1034	4552
≥4	109	47	20	6	4		1	1									48-1	188	322	338	4545

HOURS INTERVAL BETWEEN EVENTS

41 — **29.4N 134.9E**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41														1		6	SEA-4	7	1869	4595	4597
≥34	1													1		8	SEA-3	10	2141	4719	4725
≥28	2								2	1				1		18	SEA-2	24	3202	5417	5463
≥22	10	1	4	3	1	3	1	1		1	1			1		50	SEA-1	77	3265	4543	4769
≥17	33	12	11	4	5	9	5	7	7	6	6	4	6	2	3	80	678-1	200	3415	3983	4671
≥11	83	47	31	24	19	25	23	19	12	21	8	10	8	6	5	26	222-1	367	2299	2457	4574
≥7	131	72	45	28	24	21	11	7	3	4	3	2	1	1		3	186-1	356	1121	1155	4547
≥4	118	52	28	14	5	2	1		1								54-1	221	415	420	4545

HOURS INTERVAL BETWEEN EVENTS

42 — **28.6N 139.2W**

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																5	SEA-5	5	1840	4566	4566
≥34																6	SEA-5	6	2048	4840	4842
≥28	2	2	1							1						16	SEA-2	22	2727	4974	5004
≥22	11	3	3	1	2		1	1						1	1	31	1854-1	55	2970	4708	4867
≥17	46	17	7	3	5	2	3	3	3	3	4	3	5	1	1	67	846-1	173	3138	4041	4671
≥11	84	40	26	19	15	17	15	13	12	12	9	10	12	5	6	35	438-1	330	2313	2472	4561
≥7	98	53	34	30	14	14	12	11	6	3		2	2	4	2	7	144-1	292	1101	1139	4545
≥4	104	41	28	7	7	4	1	1			2						66-2	195	394	408	4545

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

43 28.2N 125.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4565	4566
≥41	1															9	SEA-5	10	2313	4864	4873
≥34	1		2					1					1			27	SEA-1	32	3469	5303	5378
≥28	13	4	4	2		3	1	1	2	3	1	1		1	1	51	1314-1	88	3165	4451	4765
≥22	38	15	16	6	8	7	6	7	8	4	7	8	8	2	3	61	1308-1	204	2957	3711	4641
≥17	102	24	20	12	16	12	16	6	8	6	12	9	5	2	5	45	942-1	300	2470	2715	4617
≥11	101	34	24	17	29	15	14	4	9	6	3	5	2		2	10	300-1	275	1200	1230	4558
≥7	70	38	18	12	9	10	4	5	2					1	1	1	156-1	171	494	497	4552
≥4	60	16	9	10	1	3	1	1					1			1	132-1	103	232	232	4545

HOURS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																5	SEA-5	5	1840	4566	4566
≥34			1													7	SEA-6	8	2268	4884	4889
≥28	1	1	1			1										18	SEA-3	22	3276	5449	5482
≥22	14	3	1	2	1	1	3	1	1		2	1			1	44	1770-1	75	3298	4593	4791
≥17	22	13	6	4	9	4	4	8	8	5	2	6	4	3	4	80	852-1	182	3365	3974	4646
≥11	81	41	35	24	27	21	27	21	11	16	9	7	10	6	2	34	252-1	372	2423	2606	4566
≥7	141	66	66	42	16	19	15	10	7	4	3	5	1	2		1	102-1	398	1272	1338	4550
≥4	159	61	20	15	5	5	2	1	1	1							60-1	270	497	519	4545

HOURS INTERVAL BETWEEN EVENTS

46 26.1N 170.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4563	4566
≥28		1										1				12	SEA-4	14	2899	5256	5287
≥22	14	3	3		1		2	1	1	2			3	1		41	1248-1	72	3489	4845	5041
≥17	32	11	13	3	6	5	5	8	3	7	3	3	5	5	2	68	624-1	179	3312	4018	4727
≥11	76	40	27	24	16	24	18	15	15	8	2	12	4	5	4	40	294-1	330	2297	2448	4564
≥7	111	46	45	33	23	8	21	8	3	6	3	2	1	3		8	138-1	327	1199	1216	4557
≥4	112	54	20	17	6	3	2	2	1								54-1	217	435	440	4545

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																5	SEA-5	5	1840	4566	4566
≥34	1															5	SEA-5	6	1841	4565	4566
≥28	1															5	SEA-5	6	1841	4565	4566
≥22	1															13	SEA-3	14	2655	5133	5154
≥17	25	9	3	7	4	1	3	2	1	1	4	2	4	1	1	69	972-1	137	3635	4436	4722
≥11	157	36	49	25	24	15	17	12	7	11	9	5	6	4	9	42	318-1	428	2496	2617	4556
≥7	125	51	23	18	21	12	9	7	5	5	2	4	1	6		7	126-2	296	1062	1085	4545
≥4	86	27	24	7	3	5	4	3	1	2		1		1			84-1	164	392	398	4545

HOURS INTERVAL BETWEEN EVENTS

49 22.6N 128.0E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																7	SEA-5	7	2127	4714	4716
≥41		2														9	SEA-5	11	2570	5154	5163
≥34	7															20	SEA-5	27	3320	5846	5900
≥28	20	3	4	4	2	1	1	1	2	1		1	2	1	2	52	SEA-1	97	3479	4925	5200
≥22	57	15	17	4	7	11	10	4	7	5	8	6	6	6	3	66	948-1	232	3207	3691	4706
≥17	104	23	23	13	18	15	14	12	9	6	7	7	3	4	1	44	666-1	303	2314	2550	4580
≥11	79	26	29	16	15	12	15	4	8	1	1	4	5	3	2	11	312-1	231	1134	1184	4550
≥7	68	31	15	10	11	9	4	2	2	1	3	2		2		2	120-1	162	517	517	4545
≥4	59	17	9	4	1	2			1								54-1	93	162	162	4545

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																5	SEA-5	5	1840	4566	4566
≥34																6	SEA-5	6	1991	4585	4586
≥28	2									1						14	SEA-4	17	3140	5332	5353
≥22	8	4	8	3	1	1			1			1	1	2	2	46	2046-1	78	3381	4599	4783
≥17	61	22	12	9	7	5	9	4	6	8	2	6	6	5	4	62	876-1	228	3341	3883	4719
≥11	135	35	26	25	15	21	11	16	9	8	9	7	6	2	3	27	354-1	355	1921	2062	4573
≥7	126	48	27	27	12	8	16	3	3	1	3	2	3	1	1	2	144-1	283	864	917	4551
≥4	106	34	16	8	3	2		2			2						66-2	173	319	331	4545

HOURS INTERVAL BETWEEN EVENTS

52 19.2N 127.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																6	SEA-6	6	2208	4932	4933
≥34	1															7	SEA-6	8	2511	5092	5100
≥28	3	4		1	2											17	SEA-1	27	3320	5401	5456
≥22	20	10	3	5		1	3	1	5	2	1	1	1	2		51	1512-1	106	3613	4658	4964
≥17	109	32	20	17	15	10	15	8	6	3	7	7	9	4	5	72	474-1	339	3273	3520	4656
≥11	203	43	34	21	12	10	7	11	5	4	11	2	3		2	6	156-1	374	1155	1179	4551
≥7	95	22	15	5	4	1	2	1	2					1			84-1	148	284	286	4547
≥4	33	9	5	1													24-1	48	70	70	4545

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-5	8	1995	4721	4724
≥48	1	2	1											1		18	SEA-5	23	3131	5302	5342
≥41	7	3			1	1		1					1	1		30	SEA-2	45	3229	5017	5130
≥34	30	12	5	5	3	5		1	3	3	2	3	6	2	3	46	SEA-1	129	3501	4725	5096
≥28	71	21	21	10	10	8	4	4	4	7	5	7	2	3	6	63	984-1	246	3231	3801	4722
≥22	118	48	28	22	18	10	10	11	6	9	7	7	6	5	4	42	558-1	351	2490	2700	4601
≥17	153	51	28	24	6	12	15	9	7	5	7	1	6	7	2	21	324-1	354	1674	1729	4561
≥11	125	31	25	9	8	15	2	3	3	1	4	1	2	3		5	114-2	237	715	717	4548
≥7	73	20	11	9	5	3	2	1	1	2		1			1		90-1	129	303	303	4545
≥4	41	13	5	1		1											36-1	61	92	92	4545

HOURS INTERVAL BETWEEN EVENTS

55 17.6N 138.5E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48	2															8	SEA-5	10	2227	4806	4811
≥41	1		1													13	SEA-3	15	2460	4930	4956
≥34	7	1	1				1		1		1		1			21	SEA-1	34	2738	4844	4925
≥28	13	2	3	1	2		1		2	1	1		3			42	1332-1	71	3141	4547	4801
≥22	30	10	14	6	7	1	4	7	3	6	4	2	5	3	2	69	1260-1	173	3425	4015	4702
≥17	85	42	25	10	8	17	12	10	7	10	10	5	5	8	5	54	570-1	313	2777	3000	4575
≥11	114	54	25	19	20	13	11	10	4	8	4		3	6	6	15	372-1	312	1458	1534	4554
≥7	92	35	33	17	10	8	10	2	1	3		1	1			2	126-1	215	618	622	4548
≥4	69	13	11	6	3	1											36-1	103	173	173	4545

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																6	SEA-5	6	1933	4659	4660
≥34																6	SEA-5	6	1933	4659	4660
≥28																7	SEA-5	7	2267	4993	4997
≥22	2	1	2	1	1			1					1			19	SEA-2	28	3044	5018	5071
≥17	20	11	10	6	2	8	3	1	1	1	2	1	3	1	3	55	1674-1	128	3714	4644	4921
≥11	164	57	41	30	18	15	12	16	15	12	10	11	8	9	1	49	372-1	468	2964	3047	4610
≥7	214	87	57	41	18	14	17	9	7	6		1	1	3	2	5	120-1	482	1394	1416	4569
≥4	155	66	20	6	12	5	1	3	1	2					1	2	120-1	274	572	578	4545

HOURS INTERVAL BETWEEN EVENTS

58 14.5N 127.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																4	SEA-4	4	1472	4562	4562
≥48	1															5	SEA-4	6	1604	4560	4562
≥41	2															6	SEA-4	8	1760	4555	4562
≥34	4		1	1												13	SEA-3	19	2364	5076	5111
≥28	6	2	2							1			1	1		29	SEA-1	42	3038	5226	5350
≥22	21	10	8	3	3	2	1	3	3	2	2	3	4	3	1	57	954-1	126	3089	4367	4815
≥17	74	19	16	10	10	5	12	7	4	3	9	6	6	1	2	54	822-1	238	2764	3500	4631
≥11	126	58	32	14	14	22	12	8	6	7	6	4	2	4	8	29	420-1	352	1914	2025	4568
≥7	122	36	39	15	19	10	4	6	8	4	3	1	1	1		5	138-1	274	879	912	4541
≥4	94	36	14	5	6	4											36-4	159	262	288	4541

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																6	SEA-5	6	2014	4565	4566
≥41																6	SEA-5	6	2013	4563	4566
≥34																6	SEA-5	6	2013	4563	4566
≥28	3														1	12	SEA-4	16	2791	5152	5167
≥22	22	3	2		2		1	1	2	1	1			1	1	42	SEA-1	79	3816	5181	5342
≥17	90	25	17	7	13	9	11	2	6	6	12	3	6	5	6	55	882-1	273	3208	3885	4798
≥11	160	43	42	17	20	13	10	10	5	10	9	2	4	3	2	21	204-1	371	1608	1776	4568
≥7	129	26	10	10	9	7	2	2	2	3		2			1		90-1	203	455	496	4546
≥4	50	14	6			1											36-1	71	102	110	4545

HOURS INTERVAL BETWEEN EVENTS

61 12.0N 156.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																5	SEA-5	5	1840	4566	4566
≥34	1															6	SEA-5	7	2071	4797	4801
≥28																8	SEA-4	8	2110	4811	4824
≥22	12	6	3	1		1							1		1	30	SEA-2	55	3486	5053	5156
≥17	57	11	13	12	8	7	9	3	5	2	3	2	3	2	1	60	1332-1	198	3281	4137	4665
≥11	138	43	45	17	16	10	9	10	10	9	3	5	5		6	32	308-1	356	1941	2164	4555
≥7	114	21	24	12	4	6	2	6	5	2	2		1	1	1	9	222-1	210	737	756	4547
≥4	72	10	14	6	2	3	1	1	2								78-1	112	232	232	4545

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥41																5	SEA-5	5	1840	4566	4566
≥34																6	SEA-5	6	2175	4901	4903
≥28																7	SEA-4	7	1885	4611	4617
≥22	2															9	SEA-4	11	1915	4629	4652
≥17	4	3		1	2	1										9	SEA-4	21	2047	4594	4651
≥11	7	2	5	1	2		2	2	1			2				21	SEA-4	45	2589	4856	5046
≥7	35	27	26	7	7	4	8	3	1	4	3	1	2	2	6	36	SEA-1	172	2997	4072	4840
≥4	100	33	27	16	20	10	6	4	5	3	4	3	3	3	2	31	846-1	270	1863	2408	4545

HOURS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41																5	SEA- 5	5	1840	4566	4566
≥34			1													7	SEA- 6	8	2268	4884	4889
≥28	1	1	1			1										18	SEA- 3	22	3276	5449	5482
≥22	14	3	1	2	1	1	3	1	1		2	1			1	44	1770- 1	75	3298	4593	4791
≥17	22	13	6	4	9	4	4	8	8	5	2	6	4	3	4	80	852- 1	182	3365	3974	4646
≥11	81	41	35	24	27	21	27	21	11	16	9	7	10	6	2	34	252- 1	372	2423	2606	4566
≥7	141	66	66	42	16	19	15	10	7	4	3	5	1	2		1	102- 1	398	1272	1338	4550
≥4	159	61	20	15	5	5	2	1	1	1							60- 1	270	497	519	4548

HOURS INTERVAL BETWEEN EVENTS

45 27.8N 145.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41																5	SEA- 5	5	1840	4566	4566
≥34																8	SEA- 4	8	2089	4720	4730
≥28			1						1							17	SEA- 2	19	2546	4802	4848
≥22	23	5	6	2	3	4	2		2				1	2		53	1464- 1	103	3476	4557	4840
≥17	52	19	7	6	5	9	8	6	6	3	5	5	4	6	3	67	834- 1	211	3273	3766	4646
≥11	104	31	28	21	16	16	9	11	8	8	11	9	5	3	3	37	276- 1	320	2037	2223	4554
≥7	110	45	40	29	15	9	14	8	5	5	2	1	3	2	4	3	102- 2	295	1032	1062	4545
≥4	91	42	18	11	3	2	2	1		1	1						66- 1	172	343	346	4545

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41																5	SEA- 5	5	1840	4566	4566
≥34	1															5	SEA- 5	6	1841	4565	4566
≥28	1															5	SEA- 5	6	1841	4565	4566
≥22	1															13	SEA- 3	14	2655	5133	5154
≥17	25	9	3	7	4	1	3	2	1	1	4	2	4	1	1	69	972- 1	137	3635	4436	4722
≥11	157	36	49	25	24	15	17	12	7	11	9	5	6	4	9	42	318- 1	428	2496	2617	4556
≥7	125	51	23	18	21	12	9	7	5	5	2	4	1	6		7	126- 2	296	1062	1085	4545
≥4	86	27	24	7	3	5	4	3	1	2		1		1			84- 1	164	392	398	4545

HOURS INTERVAL BETWEEN EVENTS

48 23.5N 151.8W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41																5	SEA- 5	5	1840	4566	4566
≥34																5	SEA- 5	5	1840	4566	4566
≥28	2	1							1							11	SEA- 2	15	2425	4974	4996
≥22	7	4	6	2	5	1			3	1		2				39	2040- 1	70	3597	4795	4959
≥17	52	27	16	8	6	9	3	2	7	3	4	2	1	3	6	65	852- 1	214	3174	3880	4656
≥11	129	44	27	13	10	13	16	13	7	8	7	4	4	5	3	32	390- 1	335	1927	2064	4567
≥7	100	29	24	16	18	11	4	5	6	4	3	2	1	3		4	234- 1	230	822	862	4550
≥4	71	26	12	10	5	6	2			1	2						66- 2	135	306	315	4545

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41																5	SEA- 5	5	1840	4566	4566
≥34																6	SEA- 5	6	1991	4585	4586
≥28	2									1						14	SEA- 4	17	3140	5332	5353
≥22	8	4	8	3	1	1			1			1	1	2	2	46	2046- 1	78	3381	4599	4783
≥17	61	22	12	9	7	5	9	4	6	8	2	6	6	5	4	62	876- 1	228	3341	3883	4719
≥11	135	35	26	25	15	21	11	16	9	8	9	7	6	2	3	27	354- 1	355	1921	2062	4573
≥7	126	48	27	27	12	8	16	3	3	1	3	2	3	1	1	2	144- 1	283	864	917	4551
≥4	106	34	16	8	3	2		2			2						66- 2	173	319	331	4545

HOURS INTERVAL BETWEEN EVENTS

51 20.5N 177.1W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41																5	SEA- 5	5	1840	4566	4566
≥34																7	SEA- 5	7	2369	5095	5099
≥28	2															14	SEA- 5	16	3565	5972	5997
≥22	12	4	4		4	3	1				2	1	1			40	SEA- 1	72	3907	5097	5309
≥17	49	17	10	10	8	3	6	3	1	2	4	2	4	1		67	948- 1	187	3212	3898	4725
≥11	110	35	26	25	17	17	15	9	7	3	10	6	9	3	6	26	366- 1	324	1921	2109	4615
≥7	97	39	26	16	10	6	6	4	6	5	1	2		2		3	102- 2	223	694	742	4552
≥4	71	29	12	2	3	1	2										42- 2	120	208	220	4545

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 5	8	1995	4721	4724
≥48	1	2	1											1		18	SEA- 5	23	3131	5302	5342
≥41	7	3			1	1		1					1	1		30	SEA- 2	45	3229	5017	5130
≥34	30	12	5	5	3	5		1	3	3	2	3	6	2	3	46	SEA- 1	129	3501	4725	5096
≥28	71	21	21	10	10	8	4	4	4	7	5	7	2	3	6	63	984- 1	246	3231	3801	4722
≥22	118	48	28	22	18	10	10	11	6	9	7	7	6	5	4	42	558- 1	351	2490	2700	4601
≥17	153	51	28	24	6	12	15	9	7	5	7	1	6	7	2	21	324- 1	354	1674	1729	4561
≥11	125	31	25	9	8	15	2	3	3	1	4	1	2	3		5	114- 2	237	715	717	4548
≥7	73	20	11	9	5	3	2	1	1	2		1			1		90- 1	129	303	303	4545
≥4	41	13	5	1		1											36- 1	61	92	92	4545

HOURS INTERVAL BETWEEN EVENTS

54 18.2N 168.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48		1														6	SEA- 6	7	2210	4754	4757
≥41	2															7	SEA- 6	9	2555	5097	5109
≥34	2	1														12	SEA- 4	15	2533	4990	5022
≥28	2	5			1											22	SEA- 1	30	2721	5002	5085
≥22	33	9	4	7	3	3	4	2	2		2	5	1	2		52	1608- 1	129	3711	4768	5159
≥17	84	25	26	13	13	5	4	4	13	2	6	5	4	3	7	52	1032- 1	266	3003	3593	4801
≥11	104	37	29	13	20	16	6	4	6	6	5	5	3	5	2	20	240- 1	281	1447	1575	4568
≥7	72	26	27	13	13	11	4	3		2	1		2	1		1	102- 1	176	528	546	4550
≥4	59	19	6	2	1												30- 1	87	128	133	4545

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41																6	SEA- 5	6	1933	4659	4660
≥34																6	SEA- 5	6	1933	4659	4660
≥28																7	SEA- 5	7	2267	4993	4997
≥22	2	1	2	1	1			1					1			19	SEA- 2	28	3044	5018	5071
≥17	20	11	10	6	2	8	3	1	1	1	2	1	3	1	3	55	1674- 1	128	3714	4644	4921
≥11	164	57	41	30	18	15	12	16	15	12	10	11	8	9	1	49	372- 1	468	2964	3047	4610
≥7	214	87	57	41	18	14	17	9	7	6		1	1	3	2	5	120- 1	482	1394	1416	4569
≥4	155	66	20	6	12	5	1	3	1	2					1	2	120- 1	274	572	578	4545

HOURS INTERVAL BETWEEN EVENTS

57 14.9N 147.9E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41																5	SEA- 5	5	1840	4566	4566
≥34	2															10	SEA- 5	12	2552	4979	4997
≥28	6		2	1		1		1			1		1	2		29	SEA- 2	44	2661	4636	4715
≥22	36	8	4	3	9	6	7	4	3	6	4	2	3	2	2	53	1170- 1	152	3308	4572	4893
≥17	121	24	33	16	21	13	13	4	11	3	8	2	9	5	4	53	876- 1	340	3112	3588	4624
≥11	209	41	55	25	30	13	20	5	6	6	5	7	7	3	2	17	222- 1	451	1747	1814	4550
≥7	161	52	30	6	10	11	4	6	3	1	5				1		90- 1	290	678	687	4546
≥4	68	16	10	6	1	1											36- 1	102	165	167	4545

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																6	SEA- 5	6	2014	4565	4566
≥41																6	SEA- 5	6	2013	4563	4566
≥34																6	SEA- 5	6	2013	4563	4566
≥28	3														1	12	SEA- 4	16	2791	5152	5167
≥22	22	3	2		2		1	1	2	1	1			1	1	42	SEA- 1	79	3816	5181	5342
≥17	90	25	17	7	13	9	11	2	6	6	12	3	6	5	6	55	882- 1	273	3208	3885	4798
≥11	180	43	42	17	20	13	10	10	5	10	9	2	4	3	2	21	204- 1	371	1608	1776	4568
≥7	129	26	10	10	9	7	2	2	2	3		2			1		90- 1	203	455	496	4546
≥4	50	14	6			1											36- 1	71	102	110	4545

HOURS INTERVAL BETWEEN EVENTS

60 12.2N 112.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41	2	1	1											1		7	SEA- 4	12	2239	4965	4975
≥34	3	1											1			11	SEA- 3	16	2226	4745	4795
≥28	5	2	3		1	1	3		1	1				1		25	SEA- 2	43	3045	5328	5477
≥22	39	15	17	5	3	1	6	2	2	1	3	2	5	1		46	1356- 1	148	2912	4075	4671
≥17	74	24	23	18	10	9	3	6	10	8	2	2	4	5	2	39	1356- 1	239	2486	3203	4560
≥11	129	46	26	5	10	10	7	7	6	7	6	2	2	4	3	24	396- 1	294	1622	1868	4545
≥7	111	33	17	12	12	9	3	2	5	1	2	3	2	1		12	228- 1	225	889	906	4545
≥4	76	19	16	10	5	7	1		2		1		2	2	1	1	132- 1	143	396	403	4545

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41																5	SEA- 5	5	1840	4566	4566
≥34																6	SEA- 5	6	2175	4901	4903
≥28																7	SEA- 4	7	1885	4611	4617
≥22	2															9	SEA- 4	11	1915	4629	4652
≥17	4	3		1	2	1					1					9	SEA- 4	21	2047	4594	4651
≥11	7	2	5	1	2		2	2	1			2				21	SEA- 4	45	2589	4856	5046
≥7	35	27	26	7	7	4	8	3	1	4	3	1	2	2	6	36	SEA- 1	172	2997	4072	4840
≥4	100	33	27	16	20	10	6	4	5	3	4	3	3	3	2	31	846- 1	270	1983	2408	4545

HOURS INTERVAL BETWEEN EVENTS

63 2.1N 123.6E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA- 5	5	1840	4566	4566
≥48																5	SEA- 5	5	1840	4566	4566
≥41																5	SEA- 5	5	1840	4566	4566
≥34																5	SEA- 5	5	1840	4566	4566
≥28																6	SEA- 5	6	1989	4715	4716
≥22																6	SEA- 5	6	1989	4715	4716
≥17																6	SEA- 5	6	1989	4715	4716
≥11	4		1		1											10	SEA- 5	16	2172	4846	4864
≥7	3	1	10				2	1	2	2	3		2			18	SEA- 4	44	2586	5079	5160
≥4	60	23	39	11	8	4	8	3	4	3	5	5	1	1	2	23	SEA- 1	200	2367	4467	4843

HOURS INTERVAL BETWEEN EVENTS

2

ANNUAL

1 — 64.0N 166.7W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0			17215	17219
≥48					1		1				3	2	1				72.00-1	8	945	17182	17219
≥41	6	1	5	1	7	4	1	5	11	19	7	10	3				84.75-1	80	4828	16980	17219
≥34	19	10	9	3	26	12	18	21	44	37	10	9		2	1		209.25-1	221	8816	16320	17219
≥28	54	20	19	13	58	61	47	36	62	46	8	3	2	3			141.75-1	432	10126	15015	17219
≥22	70	41	42	39	148	91	69	25	79	26	8	8	3				89.50-1	649	10656	12812	17219
≥17	101	81	75	66	186	118	43	33	73	21	10	4					39.00-2	811	9121	10094	17219
≥11	168	129	117	88	189	66	62	21	39	11							19.75-1	890	5820	5981	17219
≥7	225	155	113	70	130	40	21	6	9								8.75-1	769	2998	3037	17219
≥4	250	135	74	39	58	11	2	1									4.25-1	570	1403	1422	17219

DAYS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0			17210	17217
≥48	3				1	1	1	1	2	7	5	10		1	1		227.00-1	33	4002	17106	17217
≥41	3	4	1	1	7	11	8	6	19	30	11	13		1			178.25-1	115	6863	16828	17217
≥34	19	9	13	12	38	33	35	20	67	41	10	4	2	2			142.25-1	305	9336	16114	17217
≥28	43	30	17	24	124	71	45	31	91	42	7	7	2	2			149.00-1	536	11447	14756	17217
≥22	91	62	54	55	181	92	62	39	90	32	9	5	2				85.75-1	774	11026	12463	17217
≥17	134	104	117	104	227	101	49	36	75	24	5	2					40.75-1	978	9145	9752	17217
≥11	206	186	126	98	186	77	38	20	28	5							15.50-1	980	5203	5361	17217
≥7	289	172	102	62	87	33	13	4	4								7.50-1	766	2410	2467	17217
≥4	252	91	41	22	25	6	2	1	1								5.25-1	441	930	937	17217

DAYS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64	1					1	1		1			1		1			126.75-1	6	785	17199	17219
≥48	7	3	1	2	8	5	9	2	13	24	12	7	3		1		234.75-1	97	6082	16911	17219
≥41	23	10	2	5	16	20	16	10	49	41	12	7	1	1	1		233.25-1	214	8612	16428	17219
≥34	33	21	14	17	54	53	33	31	65	53	11	6	6	2			92.50-1	399	11448	15480	17219
≥28	64	35	36	39	114	81	52	39	96	39	14	7	4				72.00-1	620	12001	13951	17219
≥22	92	70	81	53	191	111	59	36	76	32	13	5					44.00-1	819	10496	11547	17219
≥17	167	123	112	94	222	118	62	34	74	18	2						25.00-1	1026	8376	8800	17219
≥11	247	190	145	99	193	71	30	12	22								9.00-1	1009	4580	4731	17219
≥7	283	178	104	58	87	22	4	5	3								6.75-1	744	2135	2180	17219
≥4	261	82	47	16	19	5	1										3.75-1	431	812	817	17219

DAYS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0			17219	17219
≥48						1			1	4	1	4		1			123.50-1	12	1537	17172	17219
≥41	3	1	2	4	6	6	1	3	13	18	10	9	2	1	2		282.75-1	81	7261	16992	17219
≥34	21	10	12	10	25	16	19	11	49	36	16	11	1	3	1		190.00-1	241	10449	16478	17219
≥28	53	21	24	20	61	55	41	21	82	53	11	6	1	3			157.50-1	452	11370	15499	17219
≥22	93	72	75	40	153	89	57	46	99	38	9	6	4				74.00-1	781	11967	13555	17219
≥17	172	120	100	77	221	110	69	37	87	36	8	1					45.25-1	1038	10456	11011	17219
≥11	279	218	146	105	243	92	52	23	33	9							13.75-1	1200	6529	6697	17219
≥7	331	230	133	77	153	41	8	6	9								7.25-1	988	3275	3351	17219
≥4	346	133	57	28	36	7	3	3									4.75-1	613	1272	1283	17219

DAYS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64														1			127.00-1	1	508	17213	17218
≥48	2	1			2	2	1	3	5	10	4	4	5	1	1		192.00-1	41	4434	17102	17218
≥41	6	3	3	2	6	9	10	4	25	27	16	7	1		3		202.50-1	122	7803	16844	17218
≥34	25	18	9	12	42	22	26	22	62	54	11	6		4			176.00-1	313	10685	16147	17218
≥28	39	36	33	41	75	55	43	36	102	48	6	3		4			135.50-1	521	11194	14917	17218
≥22	106	66	60	57	163	87	71	45	97	41	5	10	1				60.25-1	809	11551	12783	17218
≥17	154	149	129	91	201	124	59	33	79	26	1	3					44.75-1	1049	9389	10034	17218
≥11	306	207	149	83	205	95	43	21	27	3							10.75-1	1139	5618	5779	17218
≥7	332	179	110	86	114	38	10	3	4								7.50-1	876	2741	2777	17218
≥4	296	110	46	28	34	7	1	1									4.50-1	523	1063	1072	17218

DAYS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64	1					1				1		3	2				68.00-1	8	1138	17190	17219
≥48	2	1	2	1	3	6	5	2	18	19	14	8	3	1			90.75-1	85	5696	16983	17219
≥41	13	11	6	5	24	18	21	14	40	48	10	11	2	4			175.50-1	227	10624	16593	17219
≥34	44	41	25	26	67	55	39	31	72	49	14	6	2	4			166.00-1	475	12333	15666	17219
≥28	108	60	68	57	139	73	49	44	110	41	17	7	1	1			97.25-1	775	12632	14143	17219
≥22	160	125	108	87	216	113	67	47	88	29	11	1					43.00-1	1052	10742	11518	17219
≥17	208	193	149	107	234	125	64	40	59	19							17.75-1	1198	8438	8687	17219
≥11	372	222	153	104	195	75	26	12	8	1							12.50-1	1168	4494	4553	17219
≥7	348	163	106	59	81	12	8	1	1								6.25-1	779	1992	2015	17219
≥4	254	91	47	19	11	1	1										3.50-1	424	742	751	17219

DAYS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0			17216	17219
≥48	2	1		1	2	5	3	4	5	5	9	9	3	1	1		193.75-1	51	4963	17093	17219
≥41	13	8	4	7	21	21	12	8	29	21	17	14	2	2			153.50-1	179	8354	16812	17219
≥34	41	27	34	22	61	49	34	20	68	36	14	7	4	3			152.00-1	420	11192	16029	17219
≥28	105	74	54	34	127	81	51	41	74	46	12	7	4	1			101.75-1	711	12272	14677	17219
≥22	205	132	91	79	189	111	63	33	84	31	7	5	1				61.50-1	1031	10799	12164	17219
≥17	234	166	120	107	217	120	62	27	72	18	3	1					33.25-1	1147	8747	9207	17219
≥11	354	186	135	97	180	65	30	20	15	3							13.00-1	1085	4644	4813	17219
≥7	320	166	109	48	81	23	10	4	2								6.00-1	763	2146	2182	17219
≥4	253	85	38	15	22	3	1										3.25-1	417	763	784	17219

DAYS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64									1								6.50-1	1	26	17208	17219
≥48	1	1			3	2	1	2	9	9	5	10	2	3			178.25-1	48	5391	17077	17219
≥41	15	9	4	5	13	15	12	6	33	47	18	12		3			145.75-1	192	9470	16728	17219
≥34	52	21	21	17	82	44	34	29	88	59	11	6	2	5			166.75-1	471	13073	15839	17219
≥28	104	76	73	67	162	102	55	42	109	48	8	8	2				75.25-1	856	12780	14068	17219
≥22	202	142	132	110	236	128	73	43	79	31	1	2	1				71.75-1	1180	10539	11100	17219
≥17	289	222	161	111	265	114	51	29	46	10	1						23.75-1	1299	7571	7866	17219
≥11	358	222	150	93	165	48	17	5	8								6.00-1	1066	3633	3728	17219
≥7	375	144	85	53	47	12	2	2									5.00-1	720	1596	1612	17219
≥4	255	78	17	10	4	1											3.00-1	365	537	542	17219

DAYS INTERVAL BETWEEN EVENTS

13 — 50.3N 171.3W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0			17212	17218
≥48	6	3			5	1	3	3	6	11	3	9	5	1			97.75-1	56	4492	17064	17218
≥41	15	8	1	5	15	18	9	10	31	32	18	16	2	2	1		187.00-1	183	10149	16733	17218
≥34	47	16	23	23	54	54	36	28	85	54	13	13	3	2			162.25-1	451	12849	15899	17218
≥28	107	56	43	51	147	108	58	47	94	56	4	7	2	1			120.50-1	781	12703	14286	17218
≥22	163	129	119	72	223	131	97	50	87	33	5	1					56.50-1	1110	10951	11567	17218
≥17	267	198	181	128	272	125	62	38	48	9	1						21.25-1	1327	8123	8398	17218
≥11	337	273	150	110	171	61	23	12	7								8.00-1	1144	4130	4205	17218
≥7	377	178	97	43	69	14	4		1								5.25-1	781	1834	1853	17218
≥4	275	79	33	11	9	5											3.00-1	412	683	686	17218

DAYS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64				1							1	1	1				73.75-1	4	510	17192	17219
≥48	6	3	2	5	12	7	6	11	20	26	17	7	4	2	1		208.50-1	129	8577	16898	17219
≥41	15	12	9	7	27	25	28	15	47	47	17	8	3	3			176.75-1	263	11113	16493	17219
≥34	66	33	37	32	74	59	41	36	89	56	13	9		3			129.75-1	548	12514	15524	17219
≥28	110	87	77	64	147	114	61	59	110	39	12	5	1	1			97.50-1	887	12767	13824	17219
≥22	203	173	139	96	219	131	53	63	87	31	3	2					33.75-1	1200	10591	11070	17219
≥17	289	204	172	119	249	117	74	41	48	5	1						20.25-1	1319	7903	8102	17219
≥11	426	239	147	100	171	61	18	6	7								9.25-1	1175	3939	4032	17219
≥7	369	165	90	48	67	14	2	1									4.25-1	756	1729	1753	17219
≥4	273	76	17	8	9	1											2.75-1	384	570	582	17219

DAYS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64										1	1	2					48.25-1	4	454	17198	17217
≥48	4	2	3	2	6	8	4	9	13	22	12	7	3	2			175.50-1	97	6449	17004	17217
≥41	12	14	14	6	25	25	26	22	53	52	11	8		2	1		186.25-1	271	9958	16549	17217
≥34	43	53	34	31	91	60	48	42	79	46	12	5	2	3			132.75-1	549	11821	15525	17217
≥28	121	81	96	67	158	101	74	50	95	39	9	7	3				83.25-1	901	12392	13856	17217
≥22	195	180	141	83	229	136	90	44	66	25	7	4					33.00-1	1200	10667	11222	17217
≥17	326	232	189	111	244	107	76	38	47	10		1					32.50-1	1376	8035	8274	17217
≥11	420	277	155	92	200	51	21	8	6	1							15.25-1	1231	4196	4266	17217
≥7	370	188	108	55	69	8	6										4.00-3	811	1865	1885	17217
≥4	308	84	19	9	12												2.00-1	430	640	648	17217

DAYS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00-0			17210	17217
≥48	4	1		1				1	2	2	2	4	2				86.00-1	19	1718	17148	17217
≥41	5	4	4	1	3	6	4	5	11	16	9	8	2		1		206.75-1	79	5205	16951	17217
≥34	10	10	7		18	14	21	13	46	36	17	11		2			148.25-1	205	8730	16447	17217
≥28	47	23	15	14	61	63	52	32	87	45	11	7	5				84.75-1	462	10962	15463	17217
≥22	122	69	61	59	164	121	76	42	81	34	7	11	1				72.50-1	848	11862	13539	17217
≥17	196	155	110	104	237	134	53	34	83	29	6	2					32.25-1	1143	10233	10940	17217
≥11	312	281	198	120	237	90	35	33	35	5							11.50-1	1306	6514	6657	17217
≥7	413	235	150	91	141	54	26	6	4								8.00-1	1120	3687	3722	17217
≥4	358	178	121	68	115	40	19	5	4								8.00-1	908	2914	2948	17217

DAYS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64	1	1				1			1				1	1			109.50-1	6	786	17200	17219
≥48	7	10	4	1	7	4	7	7	18	22	13	15	1	1	1		188.75-1	118	7519	16936	17219
≥41	21	16	10	9	25	31	25	21	54	41	10	8	1	3			167.25-1	275	9745	16493	17219
≥34	56	40	37	22	93	85	54	41	93	41	7	10	2	2			155.75-1	583	12207	15387	17219
≥28	162	85	83	71	161	142	62	51	86	41	11	5	1				68.50-1	961	11892	13463	17219
≥22	241	171	128	107	201	149	67	53	63	29	2						23.00-1	1271	9874	10544	17219
≥17	337	202	167	129	204	107	56	34	49	2							10.75-1	1342	7312	7562	17219
≥11	388	280	156	83	167	51	20	10	3								7.00-1	1112	3734	3763	17219
≥7	355	171	99	49	58	10	2										3.75-1	744	1673	1686	17219
≥4	298	82	21	7	9	2											2.25-2	379	589	590	17219

DAYS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64				1						1							20.00-1	2	84	17212	17218
≥48	6	2		1	2	4	2	3	6	8	8	9	3	2	1		249.00-1	57	6099	17088	17218
≥41	17	1	5	3	18	23	15	15	30	40	9	9	1	4			158.50-1	190	9082	16759	17218
≥34	52	25	24	36	85	57	50	25	65	42	16	7	3	3			116.75-1	490	11615	15767	17218
≥28	112	86	68	48	164	90	62	34	85	56	12	2	3	1			112.75-1	823	12411	14013	17218
≥22	219	154	136	81	210	119	51	45	77	30	5	3					51.00-1	1128	10375	11139	17218
≥17	281	164	113	114	229	94	54	30	59	14	3						25.25-1	1155	7781	8068	17218
≥11	291	177	114	97	168	73	12	12	14	2							12.00-1	960	3987	4084	17218
≥7	271	140	85	49	76	21	4	3	3								6.50-1	652	1837	1861	17218
≥4	214	91	24	13	16	8	2										3.50-1	368	718	721	17218

DAYS INTERVAL BETWEEN EVENTS

T*	TH
215	17219
182	17219
980	17219
320	17219
015	17219
812	17219
094	17219
981	17219
037	17219
422	17219

T*	TH
199	17219
911	17219
428	17219
480	17219
951	17219
547	17219
800	17219
731	17219
180	17219
817	17219

T*	TH
7213	17218
7102	17218
5844	17218
5147	17218
5917	17218
2783	17218
0034	17218
7779	17218
7777	17218
072	17218

T*	T
7216	17219
7093	17219
5812	17219
5029	17219
4677	17219
2164	17219
7207	17219
3813	17219
2182	17219
784	172

T*	TH
7212	17218
7064	17218
733	17218
3899	17218
286	17218
567	17218
398	17218
205	17218
853	17218
686	17218

T*	TH
198	17217
004	17217
549	17217
525	17217
856	17217
222	17217
274	17217
266	17217
885	17217
548	17217

T*	TH
200	17219
936	17219
493	17219
387	17219
463	17219
544	17219
562	17219
763	17219
686	17219
590	17219

WIND SPEED INTERVALS

2 — 59.4N 172.0W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17210	17217
≥48	3				1	1	1	1	2	7	5	10		1	1		227.00 - 1	33	4002	17106	17217
≥41	3	4	1	1	7	11	8	6	19	30	11	13		1			178.25 - 1	115	6863	16828	17217
≥34	19	9	13	12	38	33	35	20	67	41	10	4	2	2			142.25 - 1	305	9336	16114	17217
≥28	43	30	17	24	124	71	45	31	91	42	7	7	2	2			149.00 - 1	536	11447	14756	17217
≥22	91	62	54	55	181	92	62	39	90	32	9	5	2				85.75 - 1	774	11026	12463	17217
≥17	134	104	117	104	227	101	49	36	75	24	5	2					40.75 - 1	978	9145	9752	17217
≥11	206	196	126	98	186	77	38	20	28	5							15.50 - 1	980	5203	5361	17217
≥7	289	172	102	62	87	33	13	4	4								7.50 - 1	766	2410	2467	17217
≥4	252	91	41	22	25	6	2	1	1								5.25 - 1	441	930	937	17217

DAYS INTERVAL BETWEEN EVENTS

3 — 58.5N 151.6W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17215	17219
≥48	3								1	1	1	3	3				79.25 - 1	12	1700	17174	17219
≥41	3	2		1	2	1	2	1	15	14	9	10	2				64.00 - 1	62	4469	17040	17219
≥34	19	14	5	2	25	19	13	8	47	41	22	8	1	3			178.50 - 1	227	10056	16555	17219
≥28	38	15	21	24	74	52	31	31	96	59	13	4	2	4			158.25 - 1	464	12820	15495	17219
≥22	94	68	70	44	170	94	90	34	106	32	7	10	3				85.00 - 1	822	12305	13409	17219
≥17	163	123	112	91	230	105	73	38	78	20	7	6					50.75 - 1	1046	10197	10814	17219
≥11	280	228	151	106	212	101	54	23	28	7	1						25.75 - 1	1191	6471	6632	17219
≥7	375	216	131	76	158	38	15	6	8								8.75 - 1	1023	3393	3430	17219
≥4	365	140	73	44	50	8	2	2	2								6.25 - 1	686	1541	1557	17219

DAYS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17219	17219
≥48						1			1	4	1	4		1			123.50 - 1	12	1537	17172	17219
≥41	3	1	2	4	6	6	1	3	13	18	10	9	2	1	2		282.75 - 1	81	7261	16992	17219
≥34	21	10	12	10	25	16	19	11	49	36	16	11	1	3	1		190.00 - 1	241	10449	16478	17219
≥28	53	21	24	20	61	55	41	21	82	53	11	6	1	3			157.50 - 1	452	11370	15499	17219
≥22	93	72	75	40	153	89	57	46	99	38	9	6	4				74.00 - 1	781	11967	13555	17219
≥17	172	120	100	77	221	110	69	37	87	36	8	1					45.25 - 1	1038	10456	11011	17219
≥11	279	218	146	105	243	92	52	23	33	9							13.75 - 1	1200	6529	6697	17219
≥7	331	230	133	77	153	41	8	6	9								7.25 - 1	988	3275	3351	17219
≥4	346	133	57	28	36	7	3	3									4.75 - 1	613	1272	1283	17219

DAYS INTERVAL BETWEEN EVENTS

6 — 54.9N 167.1W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17215	17217
≥48	1				2	2	1		1	5	1	10	2	4	1		230.00 - 1	30	5638	17131	17217
≥41		4	2	1	7	6	7	6	17	27	14	16	2	1	1		229.75 - 1	111	8619	16929	17217
≥34	29	17	15	10	30	30	19	17	61	55	20	6	5	2			155.75 - 1	316	11729	16261	17217
≥28	60	41	36	39	97	85	45	35	98	57	6	10	2	1			120.50 - 1	612	12729	14987	17217
≥22	153	93	83	91	225	105	80	45	97	40	3	4	1				72.00 - 1	1020	11477	12438	17217
≥17	227	195	168	118	233	129	52	48	71	13		1					33.50 - 1	1255	8797	9215	17217
≥11	336	257	152	108	207	69	18	17	12								8.75 - 1	1176	4609	4738	17217
≥7	354	183	103	47	85	17	9	2	1								5.50 - 1	801	2082	2129	17217
≥4	262	83	24	13	28	1											2.50 - 1	411	736	754	17217

DAYS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64	1					1				1		3	2				68.00 - 1	8	1138	17190	17219
≥48	2	1	2	1	3	6	5	2	18	19	14	8	3	1			90.75 - 1	85	5696	16983	17219
≥41	13	11	6	5	24	18	21	14	40	48	10	11	2	4			175.50 - 1	227	10624	16593	17219
≥34	44	41	25	26	67	55	39	31	72	49	14	6	2	4			166.00 - 1	475	12333	15666	17219
≥28	108	60	68	57	139	73	49	44	110	41	17	7	1	1			97.25 - 1	775	12632	14143	17219
≥22	160	125	108	87	216	113	67	47	88	29	11	1					43.00 - 1	1052	10742	11518	17219
≥17	208	193	149	107	234	125	64	40	59	19							17.75 - 1	1198	8438	8687	17219
≥11	372	222	153	104	195	75	26	12	8	1							12.50 - 1	1168	4494	4553	17219
≥7	348	163	106	59	81	12	8	1	1								6.25 - 1	779	1992	2015	17219
≥4	254	91	47	19	11	1	1										3.50 - 1	424	742	751	17219

DAYS INTERVAL BETWEEN EVENTS

9 — 51.7N 158.8E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64												1					49.00 - 1	1	196	17207	17218
≥48		1	1				5	2	5	15	5	8	3	1	1		203.25 - 1	48	5289	17096	17218
≥41	3	5	3	2	6	9	11	7	26	36	16	12			2		202.75 - 1	138	8289	16822	17218
≥34	24	16	6	18	39	30	29	23	61	48	15	4		3			175.50 - 1	316	10135	16216	17218
≥28	49	47	52	30	93	52	60	31	94	47	9	4	3	3			113.50 - 1	574	11956	15005	17218
≥22	113	82	77	79	173	81	68	49	95	41	4	7	1				60.50 - 1	870	11359	12876	17218
≥17	179	168	128	112	207	119	71	36	78	22	5						30.00 - 1	1125	9441	10003	17218
≥11	297	239	141	82	202	83	41	22	22	1	1						20.25 - 1	1131	5414	5592	17218
≥7	356	174	111	56	117	36	11	2	3	1							11.50 - 1	867	2635	2703	17218
≥4	300	104	54	28	32	10	1										3.50 - 1	529	1085	1109	17218

DAYS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64									1								6.50 - 1	1	26	17208	17219
≥48	1	1			3	2	1	2	9	9	5	10	2	3			178.25 - 1	48	5391	17077	17219
≥41	15	9	4	5	13	15	12	6	33	47	18	12		3			145.75 - 1	192	9470	16728	17219
≥34	52	21	21	17	82	44	34	29	88	59	11	6	2	5			166.75 - 1	471	13073	15839	17219
≥28	106	76	73	67	167	102	55	42	109	48	8	8	2				75.25 - 1	856	12780	14068	17219
≥22	202	142	132	110	236	128	73	43	79	31	1		2				71.75 - 1	1180	10539	11100	17219
≥17	289	222	161	111	265	114	51	29	46	10	1						23.75 - 1	1299	7571	7866	17219
≥11	358	222	150	93	165	48	17	5	8								6.00 - 1	1066	3633	3728	17219
≥7	375	144	85	53	47	12	2	2									5.00 - 1	720	1596	1612	17219
≥4	255	78	17	10	4	1											3.00 - 1	365	537	542	17219

DAYS INTERVAL BETWEEN EVENTS

12 — 50.9N 145.6W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64										1							10.75 - 1	1	43	17216	17219
≥48	2	5	1		3	3	2		5	8	9	9	2				76.00 - 1	49	3551	17106	17219
≥41	14	2	8	5	17	20	10	16	34	36	15	8	1	2	2		228.50 - 1	190	9544	16752	17219
≥34	44	37	27	21	74	42	38	39	57	54	14	6	1	4			151.75 - 1	458	11523	15811	17219
≥28	105	94	67	63	141	84	54	40	93	54	7	4	4				81.50 - 1	810	12181	14029	17219
≥22	225	120	112	73	216	116	51	53	83	30	7	3					56.50 - 1	1089	10497	11070	17219
≥17	300	205	119	110	216	112	57	33	39	19							20.00 - 1	1210	7479	7708	17219
≥11	286	173	109	92	148	46	26	6	13								9.25 - 1	899	3536	3573	17219
≥7	274	120	76	49	58	9	5	1	2								7.25 - 1	594	1507	1516	17219
≥4	194	70	24	12	14	1		1									4.50 - 1	316	566	568	17219

DAYS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64				1							1	1	1				73.75 - 1	4	510	17192	17219
≥48	6	3	2	5	12	7	6	11	20	26	17	7	4	2	1		208.50 - 1	129	8577	16898	17219
≥41	15	12	9	7	27	25	28	15	47	47	17	8	3	3			176.75 - 1	263	11113	16493	17219
≥34	66	33	37	32	74	59	41	36	89	56	13	9		3			129.75 - 1	548	12514	15524	17219
≥28	110	87	77	64	147	114	61	59	110	39	12	5	1	1			97.50 - 1	887	12767	13824	17219
≥22	203	173	139	96	219	131	53	63	87	31	3	2					33.75 - 1	1200	10591	11070	17219
≥17	289	204	172	119	249	117	74	41	48	5	1						20.25 - 1	1319	7903	8102	17219
≥11	426	239	147	100	171	61	18	6	7								9.25 - 1	1175	3939	4032	17219
≥7	369	165	90	48	67	14	2	1									4.25 - 1	756	1729	1753	17219
≥4	273	76	17	8	9	1											2.75 - 1	384	570	582	17219

DAYS INTERVAL BETWEEN EVENTS

15 — 49.0N 128.4W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17218	17219
≥48	1	1	1		1	2	2	1	1	4	4	5	2	2	3		120.00 - 1	29	3327	17155	17219
≥41	6	6		1	18	10	7	5	15	20	10	10	2				72.75 - 1	110	5177	16969	17219
≥34	26	12	7	16	40	29	15	17	40	35	10	11	1	1	1		211.50 - 1	261	8665	16461	17219
≥28	44	28	32	31	72	56	35	30	70	44	9	4		3	1		191.50 - 1	459	10637	15615	17219
≥22	105	87	59	56	163	80	48	42	93	32	5	8	2	2			124.50 - 1	782	11698	13836	17219
≥17	174	146	110	69	230	87	54	47	88	31	8	2	1				72.00 - 1	1047	10526	11323	17219
≥11	324	228	164	92	219	95	37	25	42	5							16.50 - 2	1231	6356	6578	17219
≥7	355	207	157	68	140	32	12	7									4.75 - 1	978	2988	3057	17219
≥4	307	139	47	21	39	5											2.75 - 1	553	1077	1086	17219

DAYS INTERVAL BETWEEN EVENTS

17 — 45.6N 139.3E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17210	17217
≥48	4	1		1				1	2	2	2	4	2				86.00 - 1	19	1718	17148	17217
≥41	5	4	4	1	3	6	4	5	11	16	9	8	2		1		206.75 - 1	79	5205	16951	17217
≥34	10	10	7		18	14	21	13	46	36	17	11		2			148.25 - 1	205	8730	16447	17217
≥28	47	23	15	14	61	63	52	32	87	45	11	7	5				84.75 - 1	462	10962	15463	17217
≥22	122	69	61	59	164	121	76	42	81	34	7	11	1				72.50 - 1	848	11862	13539	17217
≥17	196	155	110	104	237	136	53	34	83	29	6	2					32.25 - 1	1143	10233	10940	17217
≥11	312	281	154	120	237	90	35	33	35	5							11.50 - 1	1306	6514	6657	17217
≥7	413	235	150	91	141	54	26	6	4								8.00 - 1	1120	3687	3722	17217
≥4	358	178	121	68	115	40	19	5	4								8.00 - 1	908	2914	2948	17217

DAYS INTERVAL BETWEEN EVENTS

18 — 45.6N 144.2W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64											1						27.75 - 1	1	111	17213	17218
≥48		2			2	2	2	1	6	4	5	6	2	1			105.75 - 1	33	2952	17123	17218
≥41	11	5	6	1	16	14	17	8	26	30	12	8	1	3			99.75 - 1	158	7059	16841	17218
≥34	38	22	22	20	64	56	32	23	65	44	9	9	1	2	1		184.00 - 1	408	10816	15973	17218
≥28	91	59	61	45	155	86	54	35	87	37	11	7	2	2			126.50 - 1	732	11926	14320	17218
≥22	190	124	98	70	189	108	65	41	87	26	6	4	1				64.50 - 1	1009	10464	11464	17218
≥17	226	131	126	82	236	77	56	27	56	18	3	2					32.25 - 1	1038	7942	8290	17218
≥11	273	187	110	86	168	50	21	19	13	3							16.25 - 1	910	3974	4070	17218
≥7	224	137	77	47	83	16	7	2	2								8.75 - 1	595	1779	1797	17218
≥4	210	76	23	9	28	2											3.00 - 1	348	650	656	17218

DAYS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64				1						1							20.00 - 1	2	84	17212	17218
≥48	6	2		1	2	4	2	3	6	8	8	9	3	2	1		249.00 - 1	57	6099	17088	17218
≥41	17	1	5	3	18	23	15	15	30	40	9	9	1	4			158.50 - 1	190	9082	16759	17218
≥34	52	25	24	36	85	57	50	25	65	42	16	7	3	3			116.75 - 1	490	11615	15767	17218
≥28	112	86	68	48	164	90	62	34	85	56	12	2	3	1			112.75 - 1	823	12411	14013	17218
≥22	219	154	136	81	210	119	51	45	77	30	5	3					51.00 - 1	1128	10375	11139	17218
≥17	281	184	113	114	229	94	54	30	59	14	3						25.25 - 1	1155	7781	8068	17218
≥11	291	177	114	97	168	73	12	12	14	2							12.00 - 1	960	3987	4084	17218
≥7	271	140	85	49	78	21	4	3	3								6.50 - 1	652	1837	1861	17218
≥4	214	91	24	13	16	8	2										3.50 - 1	368	718	721	17218

DAYS INTERVAL BETWEEN EVENTS

21 — 43.7N 128.7W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17217	17219
≥48	1				1	2	5		2	5	4	4	11				56.25 - 1	35	2789	17139	17219
≥41	10	1	2	3	18	7	11	4	13	14	13	7	3		1		187.00 - 1	107	5710	16964	17219
≥34	22	14	11	9	29	22	17	7	31	37	17	5	1	1			174.50 - 1	223	7361	16537	17219
≥28	54	38	38	14	58	49	29	17	59	49	11	7	5	2			98.00 - 1	428	11153	15674	17219
≥22	132	66	60	58	123	63	45	31	102	38	11	13		1			91.75 - 1	743	12033	13701	17219
≥17	208	122	83	69	200	108	62	46	94	36	6	1					52.50 - 1	1033	10434	11034	17219
≥11	277	209	137	99	239	108	49	28	25	3							13.75 - 1	1167	6124	6231	17219
≥7	342	182	124	77	133	32	11	5	3								5.50 - 3	909	2817	2852	17219
≥4	309	106	53	25	32	6	3										3.75 - 1	534	1071	1086	17219

DAYS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

22 42.8N 167.5W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17219	17219
≥48	2	1		2	2	4	1	2	6	12	2	8			2		257.50- 1	44	4310	17113	17219
≥41	7	5	2	5	14	11	10	10	24	25	14	8	2	2	1		195.50- 1	140	7744	16861	17219
≥34	56	24	21	17	60	47	36	27	79	39	10	6	2	3			145.75- 1	427	10611	16017	17219
≥28	106	78	57	37	121	112	56	47	97	41	9	6	3	1			100.50- 1	771	12413	14385	17219
≥22	201	157	124	93	220	131	58	34	92	34	3	4					35.00- 1	1160	10758	11466	17219
≥17	282	198	165	108	256	115	49	35	40	21							18.50- 1	1265	7865	8125	17219
≥11	161	217	135	107	163	63	18	9	5								9.50- 1	1058	3843	3984	17219
≥7	309	156	99	56	70	17			1								6.25- 1	708	1758	1791	17219
≥4	252	78	40	7	12	3		1									5.00- 1	393	676	684	17219

DAYS INTERVAL BETWEEN EVENTS

23 42.4N 172.1E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64										1	1	1	1				69.75- 1	4	585	17195	17218
≥48	4	3	3	1	8	8	5	9	17	15	6	9		1	2		225.75- 1	91	5944	16990	17218
≥41	25	10	12	8	21	25	19	18	42	38	8	9	2	1	1		183.25- 1	239	8565	16630	17218
≥34	40	43	36	29	72	62	47	39	83	46	11	6	3	2			102.25- 1	519	11635	15685	17218
≥28	109	80	90	53	162	95	76	41	102	40	8	7	1	1			124.50- 1	865	12585	14096	17218
≥22	221	152	152	103	229	133	79	37	87	29	5	2					33.25- 1	1229	10674	11424	17218
≥17	309	227	160	129	276	101	65	38	53	11							17.25- 1	1369	8172	8478	17218
≥11	414	287	163	108	180	59	26	8	8								8.25- 1	1253	4306	4432	17218
≥7	442	197	98	51	72	10	3	1	1								7.25- 1	875	1950	1971	17218
≥4	306	85	21	15	12	1											2.25- 1	440	681	690	17218

DAYS INTERVAL BETWEEN EVENTS

25 40.2N 131.2E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17218	17218
≥48	1								1								8.75- 1	2	36	17212	17218
≥41	1								2	1		2					50.75- 1	6	477	17182	17218
≥34	1	1			3	2	1	1	14	13	9	7	3	1			110.50- 1	56	4601	17046	17218
≥28	13	9	7	2	22	20	10	17	43	39	15	8		1			118.50- 1	206	7428	16608	17218
≥22	57	27	13	21	67	64	56	42	82	36	7	13	6	1			101.75- 1	492	12227	15482	17218
≥17	98	81	62	47	153	104	70	46	92	46	15	7					54.25- 1	821	12105	13732	17218
≥11	267	214	135	107	269	125	64	51	56	23		1					35.25- 1	1312	9320	9735	17218
≥7	435	300	192	124	208	99	32	25	14	3							14.00- 1	1432	5838	5961	17218
≥4	450	223	143	94	143	59	19	19	12	3							14.00- 1	1165	4303	4396	17218

DAYS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17216	17220
≥48	2	1		1	2			1	6	8	7	6		2	1		265.75- 1	37	4554	17141	17220
≥41	4		4	5	3	3	7	8	16	20	11	9	2	1	1		193.50- 1	94	6707	16986	17220
≥34	17	11	8	9	26	29	29	19	58	58	14	9	1	3			151.75- 1	291	10698	16505	17220
≥28	63	34	33	29	98	71	74	43	98	43	7	6	3	3			133.50- 1	605	12704	15462	17220
≥22	134	91	116	82	232	134	70	49	95	25	7	7	1				64.75- 1	1043	11999	13473	17220
≥17	243	234	177	138	324	138	48	41	78	13	5	1					39.00- 1	1440	10130	10696	17220
≥11	497	331	199	130	220	66	39	18	23	2	1						21.25- 1	1526	5942	6084	17220
≥7	527	297	121	79	121	19	8	2	3								5.50- 1	1176	2905	2929	17220
≥4	424	131	60	15	12		1										3.75- 1	644	1024	1035	17220

DAYS INTERVAL BETWEEN EVENTS

28 36.1N 123.8W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17219	17219
≥48																	0.00- 0			17217	17219
≥41						1			1			2		1			119.00- 1	5	821	17194	17219
≥34	8	3			2	6	3		9	8	6	10	4	2			155.00- 1	61	5444	17068	17219
≥28	34	13	16	5	22	19	15	7	38	50	22	22	4				75.50- 1	267	11475	16504	17219
≥22	128	102	68	20	92	68	61	60	114	71	7	5					48.00- 1	796	12593	14400	17219
≥17	268	177	128	34	199	122	91	40	103	27	3						26.25- 1	1192	10162	10911	17219
≥11	379	228	130	67	214	91	36	27	20	1							11.00- 1	1193	5324	5519	17219
≥7	322	174	105	55	130	20	7	3									4.25- 3	816	2357	2394	17219
≥4	302	93	52	22	22												2.00- 3	491	866	871	17219

DAYS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17216	17220
≥48	2				2	2		2	2	6	2	4					52.00- 1	22	1389	17163	17220
≥41	4	5	2	2	8	5	2	5	9	19	9	5		1			130.00- 1	76	3909	17034	17220
≥34	18	18	17	10	32	22	15	11	34	32	9	9	3	1			140.00- 1	231	7619	16632	17220
≥28	66	54	31	27	65	54	26	26	56	40	15	9	2				78.00- 1	471	9448	15682	17220
≥22	137	97	50	54	153	68	51	31	89	41	13	4	4				70.25- 1	792	11216	13866	17220
≥17	212	145	101	79	221	100	53	42	91	26	6	3					39.25- 1	1079	10156	11271	17220
≥11	341	222	148	100	237	82	43	27	36	7							19.50- 1	1243	6440	6619	17220
≥7	412	217	141	79	116	32	16	9	4								7.25- 1	1026	3090	3136	17220
≥4	356	116	50	33	29	5	3		2								6.25- 1	594	1187	1198	17220

DAYS INTERVAL BETWEEN EVENTS

31 35.6N 155.2W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17218	17218
≥48	1		1		1	1			1	2		2	1				89.00- 1	10	874	17195	17218
≥41	3	4	3		8	5	4	4	11	15	6	3		2			149.50- 1	68	3641	17074	17218
≥34	16	9	11	3	38	17	12	11	24	19	7	14		2			149.75- 1	183	6902	16710	17218
≥28	54	36	19	22	63	41	22	17	56	42	7	8	3	4			164.25- 1	394	10561	15891	17218
≥22	104	61	51	33	108	65	38	41	78	55	9	7		3			115.75- 1	651	11682	14220	17218
≥17	157	104	84	84	183	86	59	37	68	35	4	6	2				78.00- 1	909	10214	11856	17218
≥11	290	173	140	122	222	91	49	27	46	8	2	1					31.25- 1	1171	7070	7368	17218
≥7	398	181	132	87	137	46	15	9	16	1							10.50- 1	1020	3628	3698	17218
≥4	325	156	75	26	60	8	6	3	1								5.50- 1	660	1572	1590	17218

DAYS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17219	17219
≥48						1					1		1				68.00- 1	3	391	17207	17219
≥41	4	1	1	1	4	1	2		1	4	4	2	2				70.25- 1	27	1571	17153	17219
≥34	16	8	4	7	16	9	3	5	14	12	9	9	1				69.25- 1	113	4272	16905	17219
≥28	36	24	21	16	43	16	10	9	36	28	14	8	3	2	1		187.50- 1	267	9001	16288	17219
≥22	79	35	31	37	71	45	35	20	77	47	10	8	1	3			138.75- 1	499	11147	14929	17219
≥17	128	81	65	41	144	76	52	30	70	45	11	6	1	1			103.25- 1	751	10913	12893	17219
≥11	247	134	95	83	183	108	50	31	78	18		1					39.25- 1	1028	7875	8441	17219
≥7	326	180	125	85	150	75	33	10	17	2	1						21.00- 1	1004	4382	4505	17219
≥4	318	143	72	52	70	17	7	4	2								6.25- 1	685	1847	1895	17219

DAYS INTERVAL BETWEEN EVENTS

34 34.2N 155.1E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17220	17220
≥48					1												1.50- 1	1	6	17212	17220
≥41	1				2	1	1	1	1	2	4	1					32.25- 1	14	717	17186	17220
≥34	9	3	2		7	8	8	6	18	23	9	7	1		1		195.50- 1	102	5324	17001	17220
≥28	30	11	9	8	39	23	30	22	59	41	12	10	1	3			156.50- 1	298	9961	16477	17220
≥22	84	50	41	37	131	84	77	48	97	41	9	7	2				87.00- 1	708	11755	15039	17220
≥17	190	116	121	86	256	148	85	44	74	24	10	3	2				66.00- 1	1159	11492	12499	17220
≥11	352	242	228	138	291	105	42	22	33	9	1						25.75- 1	1463	7437	7671	17220
≥7	474	297	163	108	153	34	11	2	7								9.75- 1	1247	3640	3705	17220
≥4	451	150	71	37	29	8	1	2	1								6.75- 1	750	1436	1448	17220

DAYS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17220	17220
≥48					1					1		1					57.00- 1	3	301	17203	17220
≥41				2	2	2	1	1	4	4	4	1					39.25- 1	21	959	17167	17220
≥34	9	4	4	1	15	12	11	7	22	29	5	6	1	3			151.00- 1	129	6260	16924	17220
≥28	37	20	14	22	50	45	30	20	55	42	10	10	5				79.75- 1	360	9783	16275	17220
≥22	96	70	75	62	167	84	89	37	78	35	14	8	2	1			91.25- 1	818	12110	14559	17220
≥17	203	141	144	88	241	139	65	47	77	26	9	3					42.75- 1	1183	10822	11825	17220
≥11	372	257	190	107	273	74	52	20	36	8							16.00- 1	1389	6754	6965	17220
≥7	452	238	151	85	134	30	10	6	6								8.50- 1	1112	3223	3273	17220
≥4	411	131	60	27	29	9											2.75- 1	667	1225	1236	17220

DAYS INTERVAL BETWEEN EVENTS

37 32.9N 119.4W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17217	17217
≥48																	0.00- 0			17217	17217
≥41																	0.00- 0			17217	17217
≥34																	0.00- 0			17212	17217
≥28	7	4	10	2	8	1	6	1	11	18	7	8	2	6			174.25- 1	91	7576	17056	17217
≥22	74	56	42	3	30	36	28	24	70	46	14	17	3				87.25- 1	443	11454	16136	17217
≥17	177	155	116	20	135	108	61	48	105	48	8	3	1				66.75- 1	985	11836	13821	17217
≥11	515	272	213	47	219	119	50	35	43	5							12.50- 1	1518	7271	7649	17217
≥7	473	215	129	45	147	33	12	9									5.00- 1	1063	3022	3114	17217
≥4	357	159	77	34	60	8		2									4.50- 1	697	1507	1537	17217

DAYS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17219	17219
≥48																	0.00- 0			17218	17219
≥41									1	1							17.75- 1	2	102	17212	17219
≥34					1				3	2	2	2		1			106.50- 1	11	1236	17182	17219
≥28	11		2	1	3	4	1	5	9	10	8	12	3				77.00- 1	69	4891	17014	17219
≥22	42	15	10	8	28	28	15	11	50	48	30	13	1				68.25- 1	299	10622	16266	17219
≥17	156	65	48	31	103	79	48	48	120	68	15	2					45.75- 1	783	12517	14089	17219
≥11	322	138	93	79	223	132	55	40	74	10							13.25- 1	1166	7977	8325	17219
≥7	341	162	138	86	188	57	29	7	5								7.75- 1	1013	3820	3940	17219
≥4	332	132	74	43	50	9	2	2									4.25- 2	644	1455	1486	17219

DAYS INTERVAL BETWEEN EVENTS

40 29.6N 165.0W

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17219	17219
≥48	1																0.25- 1	1	1	17214	17219
≥41	1	1				1			3	1		3					41.00- 1	10	632	17188	17219
≥34	8	1	4	1	2	1	2	2	11	6	3	4					59.50- 1	45	1803	17101	17219
≥28	16	12	4	8	11	8	12	7	34	11	9	4	1				63.50- 1	137	3883	16795	17219
≥22	75	26	34	26	58	32	21	18	53	38	13	8	2	3			164.00- 1	405	10178	15776	17219
≥17	146	71	56	37	111	62	42	32	99	49	7	9		1			100.75- 1	722	11270	13768	17219
≥11	318	148	132	102	225	92	57	44	72	12	1						23.75- 1	1203	8049	8497	17219
≥7	381	180	130	94	171	64	13	12	7								8.25- 1	1052	3804	3893	17219
≥4	314	138	64	35	50	10	1	1									4.25- 1	613	1349	1377	17219

DAYS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

WIND SPEED kn	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00- 0			17220	17220
≥48																	0.00- 0			17214	17220
≥41												2			1		287.25- 1	3	1604	17203	17220
≥34	1	2	1	1				1	1		1	5	2		1		287.00- 1	16	2920	17173	17220
≥28	8	5	3	1	5	6	4	2	5	10	6	14	3	7	1		286.75- 1	80	9480	16987	17220
≥22	38	18	12	8	22	18	10	16	59	60	28	15	2	2			111.50- 1	306	12624	16263	17220
≥17	128	46	42	27	105	82	65	55	113	79	9	5					52.75- 1	754	12947	14438	17220
≥11	279	155	122	97	317	160	80	36	54	11							17.50- 1	1317	8902	9338	17220
≥7	410	240	169	110	232	64	19	12	11	2							10.50- 1	1269	4722	4821	17220
≥4	373	197	90	49	65	12	5		1								7.50- 1	792	1832	1857	17220

DAYS INTERVAL BETWEEN EVENTS

23 42.4N 172.1E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64										1	1	1	1				69.75-1	4	585	17195	17218
≥48	4	3	3	1	8	8	5	9	17	15	6	9		1	2		225.75-1	91	5944	16990	17218
≥41	25	10	12	8	21	25	19	18	42	38	8	9	2	1	1		183.25-1	239	8565	16630	17218
≥34	40	43	36	29	72	62	47	39	83	46	11	6	3	2			102.25-1	519	11635	15685	17218
≥28	109	80	90	53	162	95	76	41	107	40	8	7	1	1			124.50-1	865	12585	14096	17218
≥22	221	152	152	103	229	133	79	37	87	29	5	2					33.25-1	1229	10674	11424	17218
≥17	309	227	180	129	276	101	65	38	53	11							17.25-1	1369	8172	8478	17218
≥11	414	287	163	108	180	59	26	8	8								8.25-1	1253	4306	4432	17218
≥7	442	197	98	51	72	10	3	1	1								7.25-1	875	1950	1971	17218
≥4	306	85	21	15	12	1											2.25-1	440	681	690	17218

DAYS INTERVAL BETWEEN EVENTS

24 41.0N 134.9W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17218	17219
≥48	1				1				4	1	2	3					57.75-1	12	978	17187	17219
≥41	6	2	3		10	5	3	4	12	8	11	8	2				81.50-1	74	4225	17047	17219
≥34	19	8	16	10	30	23	11	7	21	40	14	4	1		1		218.00-1	205	6822	16636	17219
≥28	54	31	34	25	77	40	29	24	57	45	15	4		3			152.00-1	438	9931	15713	17219
≥22	125	75	52	62	151	69	40	29	67	44	8	8	3	1			126.25-1	734	11261	13790	17219
≥17	188	125	92	77	158	99	51	34	78	40	5	5					56.50-1	952	10138	11212	17219
≥11	261	159	107	91	214	87	57	29	36	8	1						29.00-1	1050	6331	6617	17219
≥7	269	168	115	68	146	40	13	5	7	1							11.75-1	832	3024	3124	17219
≥4	309	88	61	39	39	6	3										4.00-3	545	1163	1204	17219

DAYS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17216	17220
≥48	2	1		1	2			1	6	8	7	6		2	1		265.75-1	37	4554	17141	17220
≥41	4		4	5	3	3	7	8	16	20	11	9	2	1	1		193.50-1	94	6707	16986	17220
≥34	17	11	8	9	26	29	29	19	58	58	14	9	1	3			151.75-1	291	10698	16505	17220
≥28	63	34	33	29	98	71	74	43	98	43	7	6	3	3			133.50-1	605	12704	15462	17220
≥22	134	[illegible]	116	82	232	134	70	49	95	25	7	7	1				64.75-1	1043	11999	13473	17220
≥17	243	234	177	138	324	138	48	41	78	13	5	1					39.00-1	1440	10130	10696	17220
≥11	497	331	199	130	220	66	39	18	23	2	1						21.25-1	1526	5942	6084	17220
≥7	527	297	121	79	121	18	8	2	3								5.50-1	1176	2905	2929	17220
≥4	424	131	60	15	12	1	1										3.75-1	644	1024	1035	17220

DAYS INTERVAL BETWEEN EVENTS

27 38.2N 127.4W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17219	17219
≥48																	0.00-0			17216	17219
≥41	1								1		1	3					43.25-1	6	571	17183	17219
≥34	2	1	2	1	7	5	2		10	5	7	9	4				68.75-1	55	4048	17042	17219
≥28	29	6	8	9	13	16	13	7	31	32	15	18	4	2			98.00-1	203	9597	16569	17219
≥22	76	42	21	21	57	54	37	45	94	84	12	10					60.00-1	553	12834	14890	17219
≥17	191	69	60	44	161	115	80	48	133	31	5						29.00-1	937	10936	11640	17219
≥11	275	145	95	91	208	109	52	25	32	3							17.25-1	1035	5875	6109	17219
≥7	242	141	100	61	123	36	14	8	3								6.50-1	728	2613	2725	17219
≥4	223	106	43	33	39	4	4										3.75-1	452	1015	1041	17219

DAYS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17216	17220
≥48	2				2	2		2	2	6	2	4					52.00-1	22	1389	17163	17220
≥41	4	5	2	2	8	5	2	5	9	19	9	5		1			130.00-1	76	3909	17034	17220
≥34	18	18	17	10	32	22	15	11	34	32	9	9	3	1			140.00-1	231	7619	16632	17220
≥28	66	54	31	27	65	54	26	26	56	40	15	9	2				78.00-1	471	9448	15682	17220
≥22	137	97	50	54	153	68	51	31	89	41	13	4	4				70.25-1	792	11216	13866	17220
≥17	212	145	101	79	221	100	53	42	91	26	6	3					39.25-1	1079	10156	11271	17220
≥11	341	222	148	100	237	82	43	27	36	7							19.50-1	1243	6440	6619	17220
≥7	412	217	141	79	116	32	16	9	4								7.25-1	1026	3090	3136	17220
≥4	356	116	50	33	29	5	3		2								6.25-1	594	1187	1198	17220

DAYS INTERVAL BETWEEN EVENTS

30 35.7N 176.1E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17219	17220
≥48					2	2		1	1	2	2	3	1				82.00-1	14	1326	17186	17220
≥41	2	4	1	1	8	5	5	3	8	10	8	5	1				78.75-1	61	2930	17086	17220
≥34	24	13	8	7	29	18	16	14	32	30	9	10	1		1		183.25-1	212	7111	16728	17220
≥28	49	34	36	33	81	48	36	23	68	43	8	10	1	2			139.50-1	472	10432	15865	17220
≥22	136	94	79	74	180	76	64	32	79	35	10	6	2				82.00-1	847	10984	13969	17220
≥17	253	138	109	92	202	114	74	35	78	25	9	4					53.75-1	1131	10523	11365	17220
≥11	352	252	156	109	249	96	38	22	39	4							17.75-1	1317	6456	6553	17220
≥7	427	241	142	88	138	20	14	5	5								8.75-1	1078	3154	3167	17220
≥4	396	143	55	22	28	3	4	2									4.75-1	653	1227	1231	17220

DAYS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17219	17219
≥48						1					1		1				68.00-1	3	391	17207	17219
≥41	4	1	1	1	4	1	2		1	4	4	2	2				70.25-1	27	1571	17153	17219
≥34	16	8	4	7	16	9	3	5	14	12	9	9	1				69.25-1	113	4272	16905	17219
≥28	36	24	21	16	43	16	10	9	36	28	14	8	3	2	1		187.50-1	267	9001	16288	17219
≥22	79	35	31	37	71	45	35	20	77	47	10	8	1	3			138.75-1	499	11147	14929	17219
≥17	128	81	65	41	144	76	52	30	70	45	11	6	1	1			103.25-1	751	10913	12893	17219
≥11	247	134	95	83	183	108	50	31	78	18		1					39.25-1	1028	7875	8441	17219
≥7	326	180	125	85	150	75	33	10	17	2	1						21.00-1	1004	4382	4505	17219
≥4	318	143	72	52	70	17	7	4	2								6.25-1	685	1847	1895	17219

DAYS INTERVAL BETWEEN EVENTS

33 34.6N 145.9E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17220	17220
≥48					1								1				67.00-1	2	273	17212	17220
≥41	3		2	1		1				2	3			1			93.00-1	13	815	17187	17220
≥34	8	3	3	1	2	4	2	4	9	12	6	7	1	1			91.00-1	63	3553	17069	17220
≥28	20	10	4	4	21	17	25	17	50	46	8	17	3	1			123.75-1	243	10098	16668	17220
≥22	70	38	36	24	108	83	53	37	108	64	11	7	1	1			103.50-1	639	12730	15377	17220
≥17	163	108	88	83	221	165	93	59	96	31	8	3					52.75-1	1118	12044	13039	17220
≥11	362	241	194	167	323	120	41	26	41	5	1						21.75-1	1521	7909	8109	17220
≥7	506	324	175	105	166	41	12	5	7								8.50-1	1341	3946	3992	17220
≥4	465	190	85	34	35	7	1	1									4.25-1	818	1563	1575	17220

DAYS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17220	17220
≥48					1					1		1					57.00-1	3	301	17203	17220
≥41				2	2	2	1	1	4	4	4	1					39.25-1	21	959	17167	17220
≥34	9	4	4	1	15	12	11	7	22	29	5	6	1	3			151.00-1	129	6260	16924	17220
≥28	37	20	14	22	50	45	30	20	55	42	10	10	5				79.75-1	360	9783	16275	17220
≥22	96	70	75	62	167	84	89	37	78	35	14	8	2	1			91.25-1	818	12110	14559	17220
≥17	203	141	144	88	241	139	65	47	77	26	9	3					42.75-1	1183	10822	11825	17220
≥11	372	257	190	107	273	74	52	20	36	8							16.00-1	1389	6754	6965	17220
≥7	452	238	151	85	134	30	10	6	6								8.50-1	1112	3223	3273	17220
≥4	411	131	60	27	29	9											2.75-1	667	1225	1236	17220

DAYS INTERVAL BETWEEN EVENTS

36 33.7N 123.9E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17218	17218
≥48																	0.00-0			17216	17218
≥41											1	1	2				67.00-1	4	840	17198	17218
≥34	5		1	1	2		2	4	9	19	7	9	1				69.00-1	60	4115	17058	17218
≥28	17	5	2	1	11	11	11	17	42	42	16	4		2			117.25-1	181	7442	16662	17218
≥22	49	14	14	13	62	50	48	43	90	40	5	11	4				89.25-1	443	10793	15562	17218
≥17	120	56	55	33	154	106	94	51	81	47	6	11					43.50-2	814	12119	13451	17218
≥11	287	155	114	90	273	143	67	34	61	14							19.75-1	1238	8430	8761	17218
≥7	386	214	136	108	211	75	20	18	11	1							12.25-1	1160	4613	4727	17218
≥4	354	185	97	68	124	35	16	8	5	1							12.25-1	893	2956	2998	17218

DAYS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17219	17219
≥48																	0.00-0			17218	17219
≥41									1	1							17.75-1	2	102	17212	17219
≥34					1				3	2	2	2		1			106.50-1	11	1236	17182	17219
≥28	11		2	1	3	4	1	5	9	10	8	12	3				77.00-1	69	4891	17014	17219
≥22	42	15	10	8	28	28	15	11	50	48	30	13	1				68.25-1	299	10622	16266	17219
≥17	156	65	48	31	103	79	48	48	120	68	15	2					45.75-1	783	12517	14089	17219
≥11	322	138	93	79	223	132	55	40	74	10							13.25-1	1166	7977	8325	17219
≥7	341	162	138	86	188	57	29	7	5								7.75-1	1013	3820	3940	17219
≥4	332	132	74	43	50	9	2	2									4.25-2	644	1455	1486	17219

DAYS INTERVAL BETWEEN EVENTS

39 29.9N 177.3W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17220	17220
≥48																	0.00-0			17217	17220
≥41					1				1	1							11.50-1	3	77	17199	17220
≥34	8	1	2	1	7	4	4	1	6	1	7	7		1			116.75-1	50	2764	17085	17220
≥28	21	12	5	8	22	12	12	4	14	18	11	9	3	2			136.25-1	153	6597	16743	17220
≥22	62	34	37	18	48	28	33	22	56	35	11	11	4	2			169.25-1	401	10489	15733	17220
≥17	145	59	44	50	123	68	53	37	77	43	16	11	1				67.75-1	727	11791	13757	17220
≥11	319	173	129	105	225	122	69	37	63	11	1						21.00-1	1250	8262	8801	17220
≥7	378	230	171	101	158	57	25	9	13								9.00-1	1142	4147	4331	17220
≥4	414	145	83	42	56	8		1									4.50-1	749	1545	1589	17220

DAYS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17220	17220
≥48																	0.00-0			17214	17220
≥41												2			1		287.25-1	3	1604	17203	17220
≥34	1	2	1	1				1	1		1	5	2		1		287.00-1	16	2920	17173	17220
≥28	8	5	3	1	5	6	4	2	5	10	6	14	3	7	1		286.75-1	80	9480	16987	17220
≥22	36	18	12	8	22	18	10	16	59	60	28	15	2	2			111.50-1	306	12624	16263	17220
≥17	128	46	42	27	109	82	65	55	113	79	9	5					52.75-1	754	12947	14438	17220
≥11	279	155	122	97	317	168	80	36	54	11							17.50-1	1317	8902	9336	17220
≥7	410	240	169	110	232	64	19	12	11	2							10.50-1	1269	4722	4821	17220
≥4	373	197	90	49	65	12	5		1								7.50-1	792	1832	1857	17220

DAYS INTERVAL BETWEEN EVENTS

42 28.6N 139.2W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00-0			17219	17219
≥48																	0.00-0			17217	17219
≥41																	0.00-0			17216	17219
≥34			1		2		1					1					52.00-1	5	240	17197	17219
≥28	7	4	5		3	6	2	2	5	5	6	8	1				76.75-1	54	3068	17070	17219
≥22	40	12	8	3	17	16	9	4	23	32	10	11	2	2			156.50-1	189	7321	16565	17219
≥17	131	49	27	11	69	50	42	38	76	62	14	14	1				66.25-1	584	12123	14877	17219
≥11	287	140	95	76	188	133	75	41	72	12	2						21.25-1	1199	8366	8946	17219
≥7	363	151	108	68	169	67	23	15	12								6.50-3	972	3856	3957	17219
≥4	304	122	90	32	64	10	2	1	1								5.25-1	626	1502	1522	17219

DAYS INTERVAL BETWEEN EVENTS

2

ANNUAL WIND SP

43 28.2N 125.9E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17219	17219
≥48																	0.00 - 0			17216	17219
≥41	1										1	2					56.75 - 1	4	453	17198	17219
≥34	3	2	4		2		3	2	10	7	10	11	1	1	1		267.75 - 1	57	5430	17044	17219
≥28	38	10	8	6	11	18	10	13	40	37	11	6	4	1	1		186.00 - 1	214	8705	16456	17219
≥22	106	35	31	11	72	63	32	31	75	48	9	13	2	2			98.25 - 1	528	11637	14866	17219
≥17	202	59	64	41	138	93	65	42	84	50	10	4					52.50 - 2	850	11073	12291	17219
≥11	325	129	117	73	238	106	56	32	51	7	1						20.25 - 1	1135	7049	7285	17219
≥7	351	177	125	86	150	47	15	11	7	2							11.00 - 1	971	3516	3582	17219
≥4	348	138	57	45	64	16	7	3	4	1							11.00 - 1	683	1819	1859	17219

DAYS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17218	17218
≥48																	0.00 - 0			17218	17218
≥41	1																0.25 - 1	1	1	17213	17218
≥34	2			1		2	1			2	1	3					48.25 - 1	12	795	17176	17218
≥28	5	4	2	3	5	3	2	3	9	6	3	15	3	3	1		279.50 - 1	67	6956	17041	17218
≥22	48	14	9	5	31	27	11	21	35	38	21	14	4	2			109.25 - 1	280	10712	16439	17218
≥17	106	48	33	17	105	72	50	37	100	58	14	9	3				81.75 - 1	652	12748	14823	17218
≥11	318	165	142	103	288	132	79	44	63	23	2						21.50 - 2	1359	9639	10107	17218
≥7	487	247	200	139	233	60	21	16	14								9.25 - 2	1417	5162	5286	17218
≥4	518	215	96	53	59	11	4	1	1								5.25 - 1	958	2016	2054	17218

DAYS INTERVAL BETWEEN EVENTS

46 26.1N 170.8E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17220	17220
≥48																	0.00 - 0			17220	17220
≥41																	0.00 - 0			17220	17220
≥34																	0.00 - 0			17214	17220
≥28	7	4	2		2	3	2		8		2	3	3		2		222.50 - 1	38	3466	17112	17220
≥22	32	9	9	5	20	11	8	12	26	23	19	10	6	3	1		185.75 - 1	194	9799	16591	17220
≥17	127	40	36	23	83	47	35	31	76	66	20	8	2	2			98.75 - 1	596	12947	15026	17220
≥11	323	156	95	103	234	133	69	38	72	25	1						24.00 - 1	1249	9313	9815	17220
≥7	426	208	147	94	198	62	32	18	10	3							13.00 - 1	1198	4686	4766	17220
≥4	409	183	73	42	72	12	3	1									4.25 - 1	795	1772	1793	17220

DAYS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17219	17219
≥48																	0.00 - 0			17219	17219
≥41																	0.00 - 0			17219	17219
≥34	1																0.25 - 1	1	1	17217	17219
≥28	2											1		1			154.50 - 1	4	802	17207	17219
≥22	4		1		2		1	2	3	12	4	15	1	5			121.00 - 1	50	6388	17082	17219
≥17	96	31	20	17	42	32	21	22	77	71	24	12	3				85.50 - 1	468	13137	16048	17219
≥11	521	190	159	72	214	132	93	55	92	13							16.25 - 1	1543	9857	10216	17219
≥7	532	212	142	67	188	72	26	10	10								6.50 - 2	1259	4305	4378	17219
≥4	367	134	75	28	48	13	1										3.50 - 1	666	1409	1424	17219

DAYS INTERVAL BETWEEN EVENTS

49 22.6N 128.0E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17220	17220
≥48																	0.00 - 0			17216	17220
≥41		2									1						22.00 - 1	3	92	17197	17220
≥34	10						1		1	2	4	3	1		1		275.25 - 1	23	2420	17120	17220
≥28	35	9	7	7	6	8	7	5	21	24	11	12	2	3			161.25 - 1	157	7186	16748	17220
≥22	113	29	29	9	48	42	25	29	52	33	14	16	2	3			104.75 - 1	444	10928	15361	17220
≥17	228	69	51	34	120	72	31	34	68	59	9	10					57.25 - 1	785	10997	12991	17220
≥11	356	117	101	71	211	100	59	32	62	17	1						21.50 - 1	1127	7643	8054	17220
≥7	468	194	131	65	162	55	20	10	7								9.00 - 1	1112	3731	3796	17220
≥4	351	129	55	30	42	5	1		2								6.75 - 1	615	1264	1282	17220

DAYS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17220	17220
≥48																	0.00 - 0			17219	17220
≥41																	0.00 - 0			17219	17220
≥34												3					47.75 - 1	3	475	17210	17220
≥28	7	2			1	1			3	5	4		1	2	1		287.25 - 1	27	3221	17129	17220
≥22	29	19	16	8	9	8	13	12	36	28	28	4	5	3			143.25 - 1	218	9621	16566	17220
≥17	186	61	42	22	73	61	35	28	91	46	18	9		1			114.25 - 1	673	11434	14423	17220
≥11	441	148	111	74	204	111	61	33	65	15	1						21.75 - 1	1264	7922	8345	17220
≥7	471	150	112	88	155	33	23	5	6								7.25 - 1	1043	3319	3437	17220
≥4	390	107	74	27	46	6	1										3.50 - 1	651	1283	1308	17220

DAYS INTERVAL BETWEEN EVENTS

52 19.2N 127.8W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17219	17219
≥48																	0.00 - 0			17218	17219
≥41	1		1					1									4.50 - 1	3	22	17211	17219
≥34	1							2						1	1		183.25 - 1	5	1315	17183	17219
≥28	17	5	3	4	5	1	3	1	7	7	5	16	5	6			160.50 - 1	85	8315	17019	17219
≥22	83	34	17	20	[illegible]	19	21	20	61	55	17	17	3		1		211.00 - 1	400	12386	16104	17219
≥17	358	130	90	64	178	93	66	49	125	42	3	4	1				85.50 - 1	1203	11972	13106	17219
≥11	633	189	146	66	176	73	45	14	23	2							15.00 - 1	1367	5159	5261	17219
≥7	344	107	66	39	49	23	10	1	1								5.50 - 1	640	1623	1636	17219
≥4	159	42	16	5	11	3											2.75 - 1	236	407	410	17219

DAYS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17217	17220
≥48	2	2	1		1		1		3	2	1	3		3			162.00 - 1	19	2566	17161	17220
≥41	13	4	1		3		4	2	8	7	7	10	1	2			132.25 - 1	62	4317	17039	17220
≥34	59	17	10	6	14	18	17	7	20	22	13	12	2	3			136.50 - 1	220	8022	16565	17220
≥28	121	43	33	12	45	40	20	13	54	41	10	17	3	2			136.50 - 1	454	10986	15495	17220
≥22	233	83	57	38	92	62	39	30	63	39	13	13					57.75 - 2	762	10514	13450	17220
≥17	325	120	79	48	127	64	57	31	72	38	12	5					45.50 - 1	978	10038	11025	17220
≥11	425	173	119	50	171	101	38	35	53	15	2						28.50 - 1	1182	7016	7278	17220
≥7	510	198	137	71	174	66	28	5	13	1							12.00 - 1	1203	4258	4330	17220
≥4	489	151	76	37	55	12	4	3	3								8.75 - 1	830	1818	1833	17220

DAYS INTERVAL BETWEEN EVENTS

55 17.6N 138.5E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17219	17219
≥48	2													1			123.00 - 1	3	494	17211	17219
≥41	2		1							1	3	2	1	2			146.75 - 1	12	2000	17171	17219
≥34	13	2	4		5	4	2	1	5	6	7	10	3	5			153.75 - 1	67	6557	17014	17219
≥28	42	13	8	7	14	10	8	7	31	20	17	16	2	5			154.75 - 1	200	9585	16505	17219
≥22	92	39	32	14	56	35	31	25	69	64	10	16	1	2			136.75 - 1	486	12450	15170	17219
≥17	278	107	68	38	138	99	56	45	83	41	11	5		1			104.00 - 1	968	11399	12467	17219
≥11	412	177	107	68	192	91	53	29	49	18							17.25 - 1	1196	7048	7281	17219
≥7	399	169	121	72	153	60	14	4	9								8.50 - 1	1001	3440	3472	17219
≥4	321	109	70	35	36	4	3	1	1								5.50 - 1	580	1221	1228	17219

DAYS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17213	17213
≥48																	0.00 - 0			17212	17213
≥41												2					59.25 - 1	2	440	17205	17213
≥34	2	1					1		1			2					50.50 - 1	7	439	17187	17213
≥28	5	4		1	1	2	2		1	1	1	2	2	1	2		338.00 - 1	25	4239	17140	17213
≥22	17	7	6	5	9	11	4	5	7	16	13	16	7	3	1		262.00 - 1	127	9892	16901	17213
≥17	82	51	33	11	50	38	27	26	65	74	22	12	2	1			112.00 - 1	494	12931	16044	17213
≥11	579	209	165	94	301	149	90	49	73	24	2						22.50 - 1	1735	10907	11342	17213
≥7	806	320	183	135	234	52	29	10	7	1							10.25 - 1	1777	5345	5412	17213
≥4	556	198	97	39	77	14	5	4	1								10.00 - 1	991	2199	2221	17213

DAYS INTERVAL BETWEEN EVENTS

58 14.5N 127.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17216	17216
≥48	1																0.25 - 1	1	1	17214	17216
≥41	2																0.25 - 2	2	2	17204	17216
≥34	7	1	2	3					1	3	2	2	2				7[illegible].25 - 1	23	1429	17133	17216
≥28	15	6	5	1	5	3	4		15	10	8	11	4	2			149.25 - 1	89	5951	16864	17216
≥22	61	20	16	9	34	22	16	14	40	36	19	13		4			134.75 - 1	304	9929	15995	17216
≥17	175	51	42	22	87	47	33	31	81	35	15	10	1	2			110.75 - 1	632	11142	14174	17216
≥11	396	164	114	50	188	92	57	35	69	41	2						30.00 - 1	1204	9152	9589	17216
≥7	488	190	191	83	199	76	28	18	17	2							12.00 - 1	1292	5053	5178	17216
≥4	481	201	101	44	74	15	6	1	1								6.75 - 1	924	2088	2117	17216

DAYS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17220	17220
≥48																	0.00 - 0			17219	17220
≥41																	0.00 - 0			17216	17220
≥34		1		1													1.00 - 1	2	6	17209	17220
≥28	3			1	1		1		1	1	1	1	1	2			167.25 - 1	13	2109	17173	17220
≥22	46	10	12	3	16	13	6	4	28	20	15	14	6	2	1		247.00 - 1	196	9870	16706	17220
≥17	212	78	61	23	89	72	62	28	86	56	19	6	1				85.25 - 1	793	12143	14243	17220
≥11	401	180	143	63	178	92	38	31	37	8							15.25 - 1	1259	6002	6320	17220
≥7	369	80	46	36	61	21	8		2								7.50 - 1	623	1577	1640	17220
≥4	132	31	24	3	13	3											2.50 - 1	206	381	391	17220

DAYS INTERVAL BETWEEN EVENTS

61 12.0N 156.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17220	17220
≥48																	0.00 - 0			17219	17220
≥41																	0.00 - 0			17219	17220
≥34	1								1				1				68.00 - 1	3	297	17207	17220
≥28	5		2			2	1		3	4	4	3	2	1			103.75 - 1	27	2191	17138	17220
≥22	47	13	18	4	17	7	11	6	22	29	12	10	1	3	1		240.25 - 1	201	8243	16663	17220
≥17	203	55	67	32	77	43	28	30	65	47	12	7	2	2			135.75 - 1	670	11159	14891	17220
≥11	357	127	138	41	157	78	44	28	61	24	5	2					46.50 - 1	1258	7923	8553	17220
≥7	380	98	96	34	90	41	23	12	21	4							13.00 - 1	809	3299	3372	17220
≥4	266	62	43	24	38	9	5	2	2								6.25 - 1	452	1081	1086	17220

DAYS INTERVAL BETWEEN EVENTS

62 4.1N 108.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																	0.00 - 0			17201	17201
≥48																	0.00 - 0			17201	17201
≥41																	0.00 - 0			17201	17201
≥34																	0.00 - 0			17199	17201
≥28					1				1	1							20.00 - 1	3	112	17189	17201
≥22	3		1		2	1		2	1	2	1						21.25 - 1	13	293	17146	17201
≥17	6	5		1	5	1	1	1	3	3		1		1			139.25 - 1	28	1067	17062	17201
≥11	31	10	17	8	19	11	4	5	15	11	2	6		1			155.25 - 1	140	3336	16570	17201
≥7	134	[illegible]	65	25	71	40	28	18	43	27	5	7	4	5			176.75 - 1	549	10706	14698	17201
≥4	359	142	109	[illegible]	115	64	28	22	62	32	6	6	1				76.75 - 1	998	8727	10074	17201

DAYS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

44 — 27.9N 150.7E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17218	17218
≥48																	0.00-0			17218	17218
≥41	1																0.25-1	1	1	17213	17218
≥34	2			1		2	1			2	1	3					48.25-1	12	795	17176	17218
≥28	5	4	2	3	5	3	2	3	9	6	3	15	3	3	1		279.50-1	67	6956	17041	17218
≥22	48	14	9	5	31	27	11	21	35	38	21	14	4	2			109.25-1	280	10712	16439	17218
≥17	106	48	33	17	105	72	50	37	100	58	14	9	1				81.75-1	652	12748	14823	17218
≥11	118	165	142	103	288	132	79	44	63	23	2						21.50-2	1359	9639	10107	17218
≥7	487	247	200	139	233	60	21	16	14								9.25-2	1417	5162	5286	17218
≥4	518	215	36	53	59	11	4	1	1								5.25-1	958	2016	2054	17218

DAYS INTERVAL BETWEEN EVENTS

45 — 27.8N 145.6W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17219	17219
≥48																	0.00-0			17219	17219
≥41																	0.00-0			17218	17219
≥34				1	3				2	2	1	2	1				64.00-1	12	861	17172	17219
≥28	9	3	1	3	6	6	3	1	9	12	4	4	2				84.75-1	63	2883	17018	17219
≥22	62	20	17	12	23	20	13	6	37	30	13	14	4	1			107.75-1	272	8544	16333	17219
≥17	171	64	37	32	99	55	44	33	85	45	16	12	1				70.75-1	694	11552	14395	17219
≥11	385	148	101	73	193	98	69	42	61	13	1						23.75-1	1184	7714	8234	17219
≥7	373	130	100	76	147	56	23	14	8								7.75-1	927	3482	3574	17219
≥4	267	113	56	34	43	13	2	2									5.00-1	530	1250	1265	17219

DAYS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17219	17219
≥48																	0.00-0			17219	17219
≥41																	0.00-0			17219	17219
≥34																	0.25-1	1	1	17217	17219
≥28	2											1		1			154.50-1	4	802	17207	17219
≥22	4		1		2		1	2	3	12	4	15	1	5			121.00-1	50	6388	17082	17219
≥17	96	31	20	17	42	32	21	22	77	71	24	12	3				85.50-1	468	13137	16048	17219
≥11	523	190	159	72	214	132	93	55	92	13							16.25-1	1543	9857	10216	17219
≥7	532	212	142	67	188	72	26	10	10								6.50-2	1259	4305	4378	17219
≥4	361	134	75	28	48	13	1										3.50-1	666	1409	1424	17219

DAYS INTERVAL BETWEEN EVENTS

48 — 23.5N 151.8W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17220	17220
≥48																	0.00-0			17220	17220
≥41																	0.00-0			17220	17220
≥34																	0.00-0			17219	17220
≥28	6	3		1					4	3	1	2	3	1	1		205.25-1	25	2753	17159	17220
≥22	29	15	15	4	20	15	6	6	22	26	12	16	3	2			154.50-1	191	8410	16676	17220
≥17	163	66	43	26	72	49	25	25	97	49	15	6	3				74.50-1	639	11339	14700	17220
≥11	449	158	111	59	198	113	58	33	59	9	1						22.00-1	1248	7440	7730	17220
≥7	344	124	85	64	120	39	15	4	5								9.75-1	800	2632	2683	17220
≥4	221	91	39	24	29	7											3.00-1	411	860	878	17220

DAYS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17220	17220
≥48																	0.00-0			17219	17220
≥41																	0.00-0			17219	17220
≥34												3					47.75-1	3	475	17210	17220
≥28	[illegible]	2			[illegible]	[illegible]			3	5	4		1	2	1		287.25-1	27	3221	17129	17220
≥22	29	19	16	8	9	8	11	12	36	28	28	4	5	3			143.25-1	218	9621	16566	17220
≥17	188	61	42	22	73	61	35	28	91	46	18	9		1			114.25-1	673	11434	14423	17220
≥11	441	148	111	74	204	111	61	33	65	15	1						21.75-1	1264	7922	8345	17220
≥7	471	150	112	88	155	33	23	5	6								7.25-1	1043	3319	3437	17220
≥4	390	101	74	27	46	6	1										3.50-1	651	1283	1308	17220

DAYS INTERVAL BETWEEN EVENTS

51 — 20.5N 177.1W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17220	17220
≥48																	0.00-0			17220	17220
≥41																	0.00-0			17220	17220
≥34																	0.00-0			17214	17220
≥28	6	2			1				4	1	1	3		1	1		230.25-1	20	[illegible]	17154	17220
≥22	31	10	8	2	13	5	6	5	18	24	16	16	1	2	1		228.75-1	158	9089	16700	17220
≥17	142	57	40	22	60	32	27	23	94	58	19	12	2				65.25-1	588	12414	14862	17220
≥11	398	132	92	71	202	115	75	42	59	14							16.75-1	1200	7892	8263	17220
≥7	309	143	102	55	156	56	14	6	3								6.50-1	844	3034	3110	17220
≥4	245	98	57	25	34	3	1										3.50-1	463	949	965	17220

DAYS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17217	17220
≥48	2	2		1	1			1	3	2	1	3		3			162.00-1	19	2566	17161	17220
≥41	3	4	1		1		4	2	8	7	7	10	1	2			132.25-1	62	4317	17039	17220
≥34	59	17	10	6	14	18	11	7	20	22	13	12	2	3			136.50-1	220	8022	16565	17220
≥28	121	43	33	12	45	40	20	13	54	41	10	17	3	2			136.50-1	454	10986	15495	17220
≥22	233	83	57	38	92	62	39	30	63	39	13	13					57.75-2	762	10514	13450	17220
≥17	325	120	79	48	121	64	57	31	72	38	12	5					45.50-1	978	10038	11025	17220
≥11	425	113	119	50	111	101	38	35	53	15	2						28.50-1	1182	7016	7278	17220
≥7	510	198	137	77	174	66	28	5	13	1							12.00-1	1203	4258	4330	17220
≥4	489	151	76	37	55	12	4	3	3								8.75-1	830	1818	1833	17220

DAYS INTERVAL BETWEEN EVENTS

54 — 18.2N 168.8E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17219	17219
≥48		1															0.50-1	1	2	17216	17219
≥41	2																0.25-2	2	2	17202	17219
≥34	5	1							1	2	1	3	1				62.50-1	14	1015	17154	17219
≥28	6	8	1	2	3	3	2	2	6	6	9	6	5	3	1		182.00-1	63	6159	16996	17219
≥22	93	19	14	11	24	24	9	12	47	38	20	15	6				78.75-1	332	10437	16106	17219
≥17	245	71	72	34	96	59	44	35	97	58	15	6					48.00-1	832	11652	13674	17219
≥11	418	143	117	60	183	124	69	42	48	5							13.75-1	1209	6999	7246	17219
≥7	340	126	99	56	132	29	20	7	3								6.50-1	812	2691	2730	17219
≥4	256	77	39	25	20	5											3.00-1	422	799	808	17219

DAYS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17213	17213
≥48																	0.00-0			17212	17213
≥41												2					59.25-1	2	440	17205	17213
≥34	2	1					1		1			2					50.50-1	7	439	17187	17213
≥28	5	4		1	1	2	2		1	1	1	2	2	1	2		338.00-1	25	4239	17140	17213
≥22	17	7	6	5	9	11	4	5	7	16	13	16	7	3	1		262.00-1	127	9892	16901	17213
≥17	82	51	33	11	50	38	27	26	65	74	22	12	2	1			112.00-1	494	12931	16044	17213
≥11	579	209	165	94	301	149	90	49	73	24	2						22.50-1	1735	10907	11342	17213
≥7	806	320	183	135	234	52	29	10	7	1							10.25-1	1777	5345	5412	17213
≥4	556	198	97	39	77	14	5	4	1								10.00-1	991	2199	2221	17213

DAYS INTERVAL BETWEEN EVENTS

57 — 14.9N 147.9E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17219	17220
≥48	1																0.25-1	1	1	17213	17220
≥41	2											1					52.25-1	3	211	17203	17220
≥34	3				1				1	3	1	1		1	1		189.25-1	12	1729	17153	17220
≥28	16		8	2	10	6	5	2	21	21	6	12	7	2			102.00-1	118	7159	16949	17220
≥22	133	30	26	13	61	38	28	19	53	40	20	19	4		1		217.75-1	485	12509	16044	17220
≥17	353	72	124	38	151	102	71	41	83	46	11	6	2				81.75-1	1100	12133	13766	17220
≥11	764	156	207	78	217	116	46	39	55	5							15.25-1	1683	7585	7815	17220
≥7	674	162	149	63	136	53	14	7	5								6.25-1	1263	3519	3563	17220
≥4	448	88	61	22	36	6	2										3.25-2	663	1198	1206	17220

DAYS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17220	17220
≥48																	0.00-0			17219	17220
≥41																	0.00-0			17216	17220
≥34		1		1													1.00-1	2	6	17209	17220
≥28	3			1	1		1		1	1	1	1	1	2			167.25-1	13	2109	17173	17220
≥22	46	10	12	3	16	13	6	4	28	20	15	14	6	2	1		247.00-1	196	9870	16706	17220
≥17	217	78	61	23	89	72	62	28	86	56	19	6	1				85.25-1	793	12143	14243	17220
≥11	441	180	143	63	116	92	38	31	37	8							15.25-1	1259	6002	6320	17220
≥7	369	80	46	36	61	21	8		2								7.50-1	623	1577	1640	17220
≥4	132	31	24	3	13	3											2.50-1	206	381	391	17220

DAYS INTERVAL BETWEEN EVENTS

60 — 12.2N 112.6E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17220	17220
≥48																	0.00-0			17220	17220
≥41	2	1	1				1				1						26.00-1	6	125	17209	17220
≥34	9	3				1	1	2	1	2	1	1					36.75-1	21	439	17135	17220
≥28	12	4	5	3	4	7	3	3	6	5	6	5	1				75.75-1	64	2336	16926	17220
≥22	72	36	24	7	28	15	14	14	28	27	10	5	3	4			150.25-1	287	8099	15975	17220
≥17	195	65	48	37	83	41	28	26	41	26	10	8	4	3			129.75-1	615	10063	14025	17220
≥11	401	169	87	40	119	69	27	28	57	37	9	3					36.50-1	1046	8528	9610	17220
≥7	432	152	101	70	137	59	44	19	43	9	1						22.50-1	1067	5541	5655	17220
≥4	429	137	97	60	106	38	19	11	17	4							17.50-1	918	3424	3445	17220

DAYS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17201	17201
≥48																	0.00-0			17201	17201
≥41																	0.00-0			17201	17201
≥34																	0.00-0			17199	17201
≥28					1				1	1							20.00-1	3	112	17189	17201
≥22	3		1		2	1		2	1	2	1						21.25-1	13	293	17146	17201
≥17	6	5		1	5	1	1	1	3	3		1		1			139.25-1	28	1067	17062	17201
≥11	31	10	17	8	19	11	4	5	15	11	2	6		1			155.25-1	140	3336	16570	17201
≥7	134	77	65	25	71	40	28	18	43	27	5	7	4	5			176.75-1	549	10706	14698	17201
≥4	359	142	109	52	115	64	28	22	62	32	6	6	1				76.75-1	998	8727	10074	17201

DAYS INTERVAL BETWEEN EVENTS

63 — 2.1N 123.6E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00-0			17189	17189
≥48																	0.00-0			17189	17189
≥41																	0.00-0			17189	17189
≥34																	0.00-0			17189	17189
≥28																	0.00-0			17189	17189
≥22																	0.00-0			17189	17189
≥17																	0.00-0			17189	17189
≥11	5	1	2	1	2	1			1	4	1	2		1			168.75-1	21	1360	17143	17189
≥7	25	18	21	6	16	22	12	9	25	11	1	4	2	1			157.25-1	173	4014	16847	17189
≥4	463	131	160	37	105	59	29	19	39	15	2	3	2				84.75-1	1064	6502	13152	17189

DAYS INTERVAL BETWEEN EVENTS

4

WAVE HEIGHT DURATIONS

1 — 64.0N 166.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48	1																6-1	1	1	1	4333
≥40	1		1														18-1	2	4	4	4333
≥34			1			1											36-1	2	9	9	4333
≥28	1	1	1	1			1										42-1	5	17	17	4333
≥24	8	2	2	1	1		1		1								54-1	16	43	43	4333
≥20	11	7	6	5	3			1		1						1	108-1	37	116	116	4333
≥16	21	8	10	4	4	8	5	1	2	1	1	1				2	114-1	68	280	280	4334
≥12	98	23	24	14	9	8	10	4	1	2	5	3	1	2		8	144-1	212	784	787	4335
≥9	60	16	30	6	22	11	14	10	8	8	7	7	11	7	6	26	216-1	249	1823	1832	4338
≥6	36	8	10	14	4	10	11	6	5	9	5	3	2	6	7	60	870-1	196	3025	3149	4387
≥3	3	1	2	3	1	1	4	4	2	1	2	2	2	1	1	48	1980-1	78	4131	4371	4720

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4331
≥56																					4331
≥48		1															12-1	1	2	3	4331
≥40	1	4		1	1												30-1	7	18	22	4331
≥34	6	3	5	4		1		1	1								54-1	21	66	72	4331
≥28	6	8	12	7	6	5	1	1			2					1	120-1	49	203	210	4331
≥24	11	7	11	14	14	7	2	6	4		2		1			1	150-1	80	384	391	4331
≥20	20	13	19	13	17	11	9	7	4	5	4	2	3	3	1	4	198-1	135	763	775	4332
≥16	24	16	11	9	13	11	24	8	11	6	10	7	4	2	3	15	216-1	174	1322	1341	4333
≥12	20	9	11	15	14	13	6	11	13	8	7	9	2	7	6	41	426-1	192	2072	2116	4347
≥9	6	9	9	8	5	12	5	9	11	6	7	3	4	6	4	65	546-1	169	2740	2857	4383
≥6	13	3	5	5	5	4	8	5	4	6	4	4	1	1	1	68	912-1	137	3260	3642	4445
≥3	2	3				3	1	1	1			2		2		45	1584-1	60	3783	4731	4923

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56	1	1															12-1	2	3	3	4333
≥48	1	1	1	1													24-1	4	10	10	4333
≥40	3	6	7	3	4		1			1							60-1	25	85	85	4333
≥34	15	7	6	12	6	1	7	2	2	1						1	108-1	60	242	242	4333
≥28	14	11	17	9	13	10	4	2	1	2	4	1		1	1	7	168-1	97	547	553	4333
≥24	13	13	18	11	14	16	14	9	4	2	3	2	4	1		9	192-2	133	870	878	4334
≥20	19	13	13	13	10	18	10	20	11	5	5	6	4	4	5	15	234-1	171	1364	1389	4334
≥16	14	12	12	10	10	6	15	15	11	15	4	4	6	5	5	40	318-2	184	2051	2115	4349
≥12	10	6	8	13	2	4	5	5	5	8	8	7	3	3	4	66	546-1	157	2817	2952	4380
≥9	15	8	6	6	3	5	2	4	2	1	3	3	5	3	1	65	714-1	132	3358	3567	4404
≥6	8	2	2	2	5		2	4	2			2		1		52	1914-1	82	3613	4112	4455
≥3	2	1										1			1	20	SEA-2	25	3475	4807	4859

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48	2	1															12-1	3	4	4	4333
≥40	3	3	2	1													24-1	9	19	19	4333
≥34	10	4	9	4	3	2											36-2	32	88	89	4333
≥28	7	4	4	11	11	1	10	3	1	2						1	96-1	55	271	286	4333
≥24	16	11	12	15	7	7	7	7	5	4	2	1	2	2		2	114-1	100	524	542	4333
≥20	8	7	12	12	5	9	7	16	12	4	7	2	2	1	4	12	180-1	120	938	959	4349
≥16	19	10	10	7	13	11	12	10	7	5	3	7	6	5	5	31	192-1	161	1534	1565	4354
≥12	12	18	11	10	10	7	15	7	4	10	8	8	8	1	2	49	504-1	180	2325	2446	4351
≥9	17	12	6	5	12	2	7	4	3	5	6	4	3	5	9	62	714-1	162	3045	3223	4383
≥6	8	3	2	3	3	2	1	1	1	3		1	2	2	2	62	1290-1	96	3665	3972	4457
≥3		1		2	1						1					28	SEA-2	33	3710	4782	4884

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48	1	1	2														18-2	4	9	9	4333
≥40	6	4	1	1		2	1		1								54-1	16	49	49	4333
≥34	10	9	7	5	5	1	1	1		1	1	2	1				78-1	44	173	174	4333
≥28	20	10	5	7	16	6	4		4	3		1	2		1	5	156-1	84	452	457	4333
≥24	17	6	17	11	10	15	7	6	6	1	4	1		1	3	13	168-2	118	808	815	4333
≥20	20	14	12	15	8	14	12	11	9	8	4	2	5	4		22	252-1	160	1346	1362	4333
≥16	16	13	13	8	13	8	8	15	7	11	6	4	2	3	3	45	354-1	175	2084	2108	4333
≥12	13	11	6	9	5	8	4	8	7	8	3	9	4	1	2	61	630-1	159	2897	2973	4371
≥9	10	11	6	3	3	3	4	6	2	1	6	6	1	10	2	60	1374-1	134	3365	3629	4431
≥6	3	5	1			3	2	1	2	2	1	1	1	1	4	52	1392-2	79	3561	4220	4529
≥3	1										1					23	SEA-2	25	3745	4917	4983

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48	2	1	2														18-2	5	10	10	4333
≥40	6	4	4	5	3												30-3	22	61	61	4333
≥34	9	16	11	5	8	5	1	2	1								54-1	58	196	201	4333
≥28	15	16	10	10	14	10	6	3	4	1	1		2			4	108-2	96	464	480	4333
≥24	17	13	20	13	14	6	15	7	6	5	6	1		2	2	6	162-1	133	783	802	4333
≥20	27	26	19	12	11	11	15	13	11	5	7	2	1	4	6	14	216-1	184	1238	1272	4339
≥16	21	12	15	20	4	14	16	13	11	11	8	11	4	7	1	36	240-1	204	1904	1971	4339
≥12	23	16	8	10	9	5	8	9	5	6	5	6	8	7	6	66	390-1	197	2792	2889	4390
≥9	10	8	5	5	8	4	4	4	7	4	4	4	6	3	2	77	816-1	155	3551	3670	4431
≥6	8	3	2		1	2		2			3	1		1	2	53	1602-1	78	3921	4322	4605
≥3		1														18	SEA-4	19	3496	4719	4750

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64		1															12-1	1	2	2	4333
≥56			1														18-1	1	3	3	4333
≥48	2	1		1													24-1	4	8	8	4333
≥40	4	3	2	3	1												30-1	13	33	33	4333
≥34	11	10	4	4	3	4	2										42-2	38	112	112	4333
≥28	14	12	7	19	3	6	3	5	2	2	1						66-1	74	296	298	4333
≥24	18	23	18	8	19	10	7	3	7	2	3	2	1	2		2	114-1	125	596	601	4333
≥20	19	24	15	11	16	12	6	10	13	4	8	7	6	5	1	9	180-1	166	1106	1116	4333
≥16	14	12	10	8	10	13	15	7	5	4	8	9	5	5	3	37	270-1	165	1779	1813	4356
≥12	19	16	8	9	12	8	3	4	7	1	8	3	9	5	6	55	498-1	173	2624	2690	4387
≥9	13	6	8	3	7	7	3	6	4		7	4	5	5	4	65	630-1	147	3204	3359	4455
≥6	9	5	4	2	1	3	2	2	1	2	2	3		2	3	56	1038-1	97	3791	4109	4618
≥3	3		3	1			1		1				1	1	1	31	1902-1	43	4060	5213	5334

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4333
≥56			1														18-1	1	3	3	4333
≥48	1	3	1		1												30-1	6	15	15	4333
≥40	3	3	4	3		2											36-2	15	45	45	4333
≥34	11	9	8	5	4	3								1			84-1	41	125	125	4333
≥28	11	11	14	21	12	6	4	1	5	1						1	96-1	87	362	364	4333
≥24	20	16	13	17	14	19	9	9	7	5	1	2	2	2		1	114-1	137	699	701	4339
≥20	23	17	16	10	7	17	17	8	14	8	9	5	1	6	3	12	138-1	173	1202	1209	4366
≥16	20	20	17	21	10	10	8	13	8	3	16	10	9	7	5	31	342-1	208	1887	1914	4376
≥12	17	20	6	15	10	13	7	8	7	10	9	6	6	4	10	62	414-1	210	2701	2762	4414
≥9	10	7	6	7	5	8	7	6	7		2	2	2	5	6	76	834-1	156	3359	3551	4484
≥6	6	4	5	6	7	3	2	2	1	2	1	2	2		1	58	1530-1	102	3944	4370	4782
≥3	1		1				1									18	SEA-6	21	3738	5010	5050

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4332
≥56																				1	4332
≥48	1	1	1														18-1	3	6	8	4332
≥40	5	6	1	4													24-4	16	36	40	4332
≥34	7	5	4	4	3	4		2									48-2	29	100	109	4332
≥28	13	12	5	10	7	1	6	2	1		2	1		1		1	108-1	62	266	278	4332
≥24	22	18	14	16	7	8	5	7	4	4	1	3		2		2	144-1	113	530	543	4333
≥20	23	18	22	15	15	11	15	8	4	6	5	2	2	3	4	8	174-2	161	973	1002	4352
≥16	26	18	13	17	19	11	18	12	13	10	8	5	6	5	1	28	270-1	210	1729	1761	4360
≥12	21	13	11	10	12	6	4	17	9	11	11	7	9	8	3	59	318-1	211	2563	2724	4380
≥9	15	10	9	6	5	2	9	2	2	6	3	4	4	2	3	78	900-1	160	3360	3644	4486
≥6	4	2	1		3	4		1	1		2			1	2	59	1356-1	80	3608	4478	4721
≥3									1							16	SEA-4	17	3545	5114	5141

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48	1	2	1		1												30-1	5	13	13	4333
≥40	8	3	3	6	1				1								54-1	22	61	61	4333
≥34	10	11	8	8	5	1	2	1					1				78-1	47	154	160	4333
≥28	10	18	7	21	14	9	4	3	4	1		1	1		2		90-2	95	428	434	4335
≥24	25	19	12	6	20	9	14	7	10	3	1	4	1	2	1	4	138-1	138	741	762	4336
≥20	18	25	24	19	17	16	13	3	8	15	5	3	4	2	2	17	186-2	191	1291	1324	4351
≥16	25	20	13	15	19	11	10	10	12	10	6	11	7	7	5	38	270-1	219	2036	2104	4363
≥12	12	17	13	14	11	7	3	8	10	6	4	7	11	2	8	64	732-1	197	2956	3106	4397
≥9	5	11	7	4	6	4	4	2	2	5	3	4	4	3		76	744-1	140	3744	3923	4509
≥6	4	1	1			1	1		1	1			1	1	1	47	1482-1	60	4181	4710	4869
≥3																12	SEA-7	12	3119	4564	4571

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4331
≥56		1															12-1	1	2	2	4331
≥48	1	1	2														18-2	4	9	9	4331
≥40	2	2	2	2	1		1										42-1	10	32	32	4331
≥34	13	13	10	4	4	3			1								54-1	48	132	136	4331
≥28	18	25	12	11	11	9	5	5	4	1		2			1	1	108-1	105	435	452	4331
≥24	25	18	28	27	20	10	16	10	6	4	3	1				5	192-1	173	884	906	4338
≥20	31	25	18	19	19	15	12	14	16	13	2	10	3	2	2	14	318-1	215	1476	1517	4344
≥16	30	20	21	7	15	22	11	10	11	10	10	12	10	5	4	40	432-1	246	2273	2337	4359
≥12	17	13	13	7	15	6	9	7	6	9	11	9	6	5	5	69	534-1	207	3183	3335	4406
≥9	9	2	4	7	5	4	5	7	2	3	2	1	4	2	4	67	1206-1	128	3700	3940	4429
≥6	1	4			1			1		1			1	1	1	33	1836-1	44	3099	4505	4645
≥3																12	SEA-6	12	[illegible]	4548	4561

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28	1																6-1	1	1	1	4333
≥24	3																6-3	3	3	3	4333
≥20	3																6-3	3	3	3	4333
≥16	6		1	1													24-1	8	13	13	4333
≥12	23	6	5	2	2	1	1		1					2			84-2	43	118	118	4333
≥9	93	17	22	14	15	10	3	3	4	4	2	1		3		3	192-2	215	704	706	4335
≥6	65	39	32	25	25	23	25	14	9	12	9	2	1	6	3	20	330-1	310	1840	1852	4347
≥3	23	31	19	9	17	16	6	8	8	11	9	7	12	8	5	67	714-1	256	3214	3356	4418

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48	3	1		1													24-1	5	9	9	4333
≥40	5	3	4	4		1	1										42-1	18	52	52	4336
≥34	12	6	7	3	6	3	1	1	1					1			84-1	41	143	148	4337
≥28	21	13	16	13	5	7	9	3	2	1	1	2	1			1	102-1	95	394	403	4338
≥24	26	28	18	13	13	12	8	7	5	5	5	2	1	2	1	3	114-2	149	722	737	4341
≥20	27	24	24	20	20	16	17	10	7	9	9	5	5	1	4	9	162-1	208	1250	1271	4354
≥16	24	28	19	17	15	13	17	10	13	13	15	6	6	3	4	32	264-2	235	1991	2031	4365
≥12	23	11	14	16	15	12	5	9	10	9	15	9	7	6	5	60	456-1	223	2824	[illegible]	4391
≥9	16	12	12	7	4	12	3	5	2	2	2	4	3	3	6	[illegible]	714-1	171	3631	[illegible]	4530
≥6	5	3	2	1	1			2	1						1	46	1362-1	64	3465	4487	4655
≥3																10	SEA-5	10	3037	4482	4485

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4332
≥56																				1	4332
≥48		1	1														18-1	2	5	8	4332
≥40	3	4	1		1												30-1	9	19	21	4332
≥34	11	9	8	2		1	1		1								54-1	33	83	88	4332
≥28	22	24	18	15	9	1	2	2		2	1					1	96-1	97	312	320	4332
≥24	23	14	22	22	23	12	9	9	1	3		3	1	1		3	120-1	146	684	693	4333
≥20	26	35	22	11	21	20	12	11	11	12	3	4	5	2	2	11	144-1	208	1229	1257	4337
≥16	25	15	16	17	15	12	14	9	15	12	7	7	4	6	1	41	258-1	216	2052	2118	4384
≥12	15	6	10	8	9	7	1	12	6	7	4	7	2	5	2	66	450-1	167	2920	3024	4451
≥9	12	6	5	4	6	7	4	6	2	5	1	5	1	4	3	62	810-1	133	3342	3738	4548
≥6	9	2	3	2	1	1	1	2	1	2	1	2				49	1962-1	76	3657	4572	4872
≥3	1	1						1								16	SEA-5	19	3026	4830	4865

HOURS DURATION OF EVENTS

WINTER

2 — 59.4N 172.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4331
≥56																					4331
≥48		1															12-1	1	2	3	4331
≥40	1	4		1	1												30-1	7	18	22	4331
≥34	6	3	5	4		1		1	1								54-1	21	66	72	4331
≥28	6	8	12	7	6	5	1	1			2					1	120-1	49	203	210	4331
≥24	11	7	11	14	14	7	2	6	4		2		1			1	150-1	80	384	391	4331
≥20	20	13	19	13	17	11	9	7	4	5	4	2	3	3	1	4	198-1	135	763	775	4332
≥16	24	16	11	9	13	11	24	8	11	6	10	7	4	2	3	15	216-1	174	1322	1341	4333
≥12	20	9	11	15	14	13	6	11	13	8	7	9	2	7	6	41	426-1	192	2072	2116	4347
≥9	6	9	9	8	5	12	5	9	11	6	7	3	4	6	4	65	546-1	169	2740	2857	4383
≥6	13	3	5	5	5	4	8	5	4	6	4	4	1	1	1	68	912-1	137	3260	3642	4445
≥3	2	3				3	1	1	1			2		2		45	1584-1	60	3783	4731	4923

HOURS DURATION OF EVENTS

3 — 58.5N 151.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56		1															12-1	1	2	2	4333
≥48	1	2															12-2	3	5	5	4333
≥40	1		3		2												30-2	6	20	20	4333
≥34	4	2	7	2	2	2											36-2	19	59	59	4333
≥28	5	9	8	8	6	5	4	1	1	1		1					72-1	49	206	207	4333
≥24	12	2	9	8	5	4	6	7	9	1	2	1	1	1	1		90-1	69	389	391	4333
≥20	18	15	10	15	7	8	8	6	5	5	4	3	1	3	2	4	126-1	114	662	678	4334
≥16	17	13	19	16	11	9	9	2	6	6	6	5	5	4	1	17	354-1	146	1146	1171	4337
≥12	22	23	11	14	20	10	11	8	7	7	4	2	3	3	3	36	654-1	184	1794	1882	4338
≥9	26	12	9	15	12	9	6	11	6	5	2	4	4	3	5	56	900-1	185	2482	2608	4351
≥6	26	17	5	9	9	8	6	4	6	6	3	2	7	3	1	59	1260-1	171	3246	3795	4367
≥3	5	3	3	7	1		1	2	4	2		6	1			49	1974-1	84	3830	4286	4529

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48	2	1															12-1	3	4	4	4333
≥40	3	3	2	1													24-1	9	19	19	4333
≥34	10	4	9	4	3	2											36-2	32	88	89	4333
≥28	7	4	4	11	11	1	10	3	1	2						1	96-1	55	271	286	4333
≥24	16	11	12	15	7	7	7	7	5	4	2	1	2	2		2	114-1	100	524	542	4333
≥20	8	7	12	12	5	9	7	16	12	4	7	2	2	1	4	12	180-1	120	938	959	4349
≥16	19	10	10	7	13	11	12	10	7	5	3	7	6	5	5	31	192-1	161	1534	1565	4354
≥12	12	18	11	10	10	7	15	7	4	10	8	8	8	1	2	49	504-1	180	2325	2446	4351
≥9	17	12	6	5	12	2	7	4	3	5	6	4	3	5	9	62	714-1	162	3045	3223	4383
≥6	8	3	2	3	3	2	1	1	1	3		1	2	2	2	62	1290-1	96	3665	3972	4457
≥3		1		2	1						1					28	SEA-2	33	3710	4782	4884

HOURS DURATION OF EVENTS

6 — 54.9N 167.1W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4331
≥56																					4331
≥48																				1	4331
≥40	2	5	1														18-1	8	15	19	4331
≥34	7	6	9	1	1												30-1	24	55	65	4331
≥28	11	13	12	10	6	5	2	1	2								54-2	62	213	225	4331
≥24	10	16	13	11	13	15	3	5	4	3	2						66-2	95	429	444	4336
≥20	14	15	9	13	15	20	13	5	6	2	6	7	4	1	2	2	114-1	134	804	824	4336
≥16	21	11	14	10	17	13	13	19	12	3	10	9	3	3	3	18	312-1	179	1397	1432	4339
≥12	18	9	19	11	9	13	8	12	10	8	7	9	6	8	3	48	396-1	198	2275	2345	4367
≥9	19	9	5	9	10	6	13	6	10	9	4	3	2	6	1	68	426-1	180	2989	3140	4423
≥6	6	8	4	3	6	3	3	2	2		7	3	3	5	2	65	1140-1	122	3506	3977	4515
≥3	3		1			1							1			22	SEA-1	28	3828	5137	5196

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48	2	1	2														18-2	5	10	10	4333
≥40	6	4	4	5	3												30-3	22	61	61	4333
≥34	9	16	11	5	8	5	1	2	1								54-1	58	196	201	4333
≥28	15	16	10	10	14	10	6	3	4	1	1		2			4	108-2	96	464	480	4333
≥24	17	13	20	13	14	6	15	7	6	5	6	1		2	2	6	162-1	133	783	802	4333
≥20	27	26	19	12	11	11	15	13	11	5	7	2	1	4	6	14	216-1	184	1238	1272	4339
≥16	21	12	15	20	4	14	16	13	11	11	8	11	4	7	1	36	240-1	204	1904	1971	4339
≥12	23	16	8	10	9	5	8	9	5	6	5	6	8	7	6	66	390-1	197	2792	2889	4390
≥9	10	8	5	5	8	4	4	4	7	4	4	4	6	3	2	77	816-1	155	3551	3670	4431
≥6	8	3	2		1	2		2			3	1		1	2	53	1602-1	78	3921	4322	4605
≥3		1														18	SEA-4	19	3496	4719	4750

HOURS DURATION OF EVENTS

9 — 51.7N 158.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4332
≥56																					4332
≥48		1															12-1	1	2	4	4332
≥40	2	1	1	2													24-2	6	15	18	4332
≥34	4	1	4	4	3		1										42-1	17	56	60	4332
≥28	3	6	8	5	4	4	1	1	1			1					72-1	34	139	143	4332
≥24	15	11	5	10	9	6	8	3	1		2		1				78-1	71	297	304	4332
≥20	27	16	15	11	17	11	7	9	5	5	4	2		1	1	2	120-1	133	650	664	4332
≥16	24	12	15	18	10	18	13	15	8	9	9	7	4	1	1	16	150-2	180	1274	1297	4346
≥12	14	9	12	19	8	9	9	9	12	5	7	5	5	7	8	45	294-1	183	2069	2125	4355
≥9	14	10	8	7	7	8	8	10	4	7	2	8	3	3	4	62	444-1	165	2692	2869	4403
≥6	13	12	6	5	3	3	6	3	4	2	2	3	1	4	4	65	786-1	136	3429	3690	4509
≥3	4	2	1	4	1	2	1	2	1		1					34	SEA-1	53	3656	4521	4712

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64	1																6-1	1	1	1	4333
≥56			1														18-1	1	3	3	4333
≥48	1	3	1		1												30-1	6	15	15	4333
≥40	3	3	4	3		2											36-2	15	45	45	4333
≥34	11	9	8	5	4	3								1			84-1	41	125	125	4333
≥28	11	11	14	21	12	6	4	1	5	1						1	96-1	87	362	364	4333
≥24	20	16	13	17	14	19	9	9	7	5	1	2	2	2		1	114-1	137	699	701	4339
≥20	23	17	16	10	7	17	17	8	14	8	9	5	1	6	3	12	138-1	173	1202	1209	4366
≥16	20	20	17	21	10	10	8	13	8	3	16	10	9	7	5	31	342-1	208	1887	1914	4376
≥12	17	20	6	15	10	13	7	8	7	10	9	6	6	4	10	62	414-1	210	2701	2762	4414
≥9	10	7	6	7	5	8	7	6	7		2	2	2	5	6	76	834-1	156	3359	3551	4484
≥6	6	4	5	6	7	3	2	2	1	2	1	2	2		1	58	1530-1	102	3944	4370	4782
≥3	1		1				1									18	SEA-6	21	3738	5010	5050

HOURS DURATION OF EVENTS

12 — 50.9N 145.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48	2																6-2	2	2	2	4333
≥40	5	5	3	2													24-2	15	32	32	4333
≥34	12	13	10	5	4	2											36-2	46	120	121	4333
≥28	13	11	14	13	15	8	3	4	2	1	1	1		1			84-1	87	370	381	4333
≥24	18	16	16	10	10	17	5	13	6	3	5	1	2	2	2	2	108-1	128	698	714	4345
≥20	25	13	14	15	10	14	13	6	11	7	6	4	5	3	2	18	198-1	166	1203	1225	4348
≥16	29	16	12	12	10	13	7	7	10	9	9	4	4	7	3	40	432-1	192	1979	2007	4363
≥12	22	9	8	8	6	7	2	5	5	7	9	8	5	3	3	56	528-1	163	2746	2852	4391
≥9	11	9	9	7	5	7	3	6	5	2	1	3	7	1	2	59	714-1	137	3305	3500	4406
≥6	5	3		2	1	1		2	1		2	1	4	1		47	1548-1	70	3913	4418	4753
≥3		1				1		1					1			18	SEA-4	22	3922	5210	5277

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48	1	2	1		1												30-1	5	13	13	4333
≥40	8	3	3	6	1				1								54-1	22	61	61	4333
≥34	10	11	8	8	5	1	2	1					1				78-1	47	154	160	4333
≥28	10	18	7	21	14	9	4	3	4	1		1	1		2		90-2	95	428	434	4335
≥24	25	19	12	6	20	9	14	7	10	3	1	4	1	2	1	4	138-1	138	741	762	4336
≥20	18	25	24	19	17	16	13	3	8	15	5	3	4	2	2	17	186-2	191	1291	1324	4351
≥16	25	20	13	15	19	11	10	10	12	10	6	11	7	7	5	38	270-1	219	2036	2104	4363
≥12	12	17	13	14	11	7	3	8	10	6	4	7	11	2	8	64	732-1	197	2956	3106	4397
≥9	5	11	7	4	6	4	4	2	2	5	3	4	4	3		76	744-1	140	3744	3923	4509
≥6	4	1	1			1	1		1	1			1	1	1	47	1482-1	60	4181	4710	4869
≥3																12	SEA-7	12	3119	4564	4571

HOURS DURATION OF EVENTS

15 — 49.0N 128.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48		1															12-1	1	2	2	4333
≥40	2	1	1			1											36-1	5	13	13	4333
≥34	9	4	5	3	1		1										42-1	23	56	56	4333
≥28	9	15	9	1	8		3	1	1	2						1	102-1	50	185	185	4333
≥24	12	17	12	16	11	6	5	5	3			2				2	138-1	91	404	404	4333
≥20	17	20	11	16	13	15	7	6	8	2	5	6	1	3	3	5	144-1	138	820	822	4333
≥16	16	9	13	12	9	14	15	3	6	8	4	11	3		1	30	300-1	154	1448	1464	4339
≥12	13	11	7	5	6	10	9	9	8	7	6	2	5	7	4	50	420-1	159	2274	2334	4378
≥9	13	13	8	5	6	7	5	3	4	4	2	2		1	2	69	504-1	144	2921	3019	4447
≥6	14	11	7	7	3	4	3	1	4	3	2	1	1	3		61	900-1	125	3697	3902	4654
≥3	2	6	3	1		1		3		1		1		4	1	34	1716-1	57	4086	4825	5078

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28	1																6-1	1	1	1	4333
≥24	3																6-3	3	3	3	4333
≥20	3																6-3	3	3	3	4333
≥16	6		1	1													24-1	8	13	13	4333
≥12	23	6	5	2	2	1	1		1					2			84-2	43	118	118	4333
≥9	94	37	22	14	15	10	3	3	4	4	2	1		3		3	192-2	215	704	706	4335
≥6	65	39	32	25	25	23	25	14	9	12	9	2	1	6	3	20	330-1	310	1840	1852	4347
≥3	23	31	19	9	17	16	6	8	8	11	9	7	12	8	5	67	714-1	256	3214	3356	4418

HOURS DURATION OF EVENTS

18 — 45.6N 144.2W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4332
≥56																				1	4332
≥48	2	1															12-1	3	4	6	4332
≥40	3	2	2	1													24-1	8	17	21	4332
≥34	9	11	6		2	3	1										42-1	32	84	89	4332
≥28	12	12	16	13	8	4	7	1	4		1						66-1	78	304	311	4332
≥24	17	17	18	15	15	8	6	6	8	5	2	1			2	1	102-1	121	581	602	4332
≥20	27	16	25	18	16	17	8	10	10	6	5	4	3	3	5	9	252-1	182	1144	1183	4340
≥16	20	9	18	9	12	15	7	9	5	8	9	8	5	7	3	36	342-1	180	1878	1931	4357
≥12	9	11	8	9	8	11	5	9	4	4	4	5	3	5	10	60	618-1	165	2823	2936	4419
≥9	9	7	4	7	4	1	3	3	2	7	5	2	1	3	1	63	1080-1	122	3336	3654	4469
≥6	3	3		2	1	1	2	1		2	2	1	1			42	SEA-1	61	3868	4635	4903
≥3	1					1	1									16	SEA-2	19	3207	4790	4833

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4332
≥56																				1	4332
≥48		1	1														18-1	2	5	8	4332
≥40	3	4	1		1												30-1	9	19	23	4332
≥34	11	9	8	2		1	1		1								54-1	33	83	88	4332
≥28	22	24	18	15	9	1	2	2		2	1					1	96-1	97	312	320	4332
≥24	23	14	22	22	23	12	9	9	1	3		3	1	1		3	120-1	146	684	693	4333
≥20	26	35	22	11	21	20	12	11	11	12	3	4	5	2	2	11	144-1	208	1229	1257	4337
≥16	25	15	16	17	15	12	14	9	15	12	7	7	4	6	1	41	258-1	216	2052	2118	[illegible]
≥12	15	6	10	8	9	7	1	12	6	7	4	7	2	5	2	66	450-1	167	2920	3024	4451
≥9	12	6	5	4	6	7	4	6	2	5	1	5	1	4	3	67	810-1	133	3342	[illegible]	[illegible]
≥6	9	2	3	2	1	1	1	2	1	2	1	2				49	1962-1	76	3857	4572	[illegible]
≥3	1	1						1								16	SEA-5	19	3026	4830	[illegible]

HOURS DURATION OF EVENTS

21 — 43.7N 128.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48			1														18-1	1	3	3	4333
≥40	3						1										42-1	4	10	10	4333
≥34	5	9	1	2	2			1	1								54-1	21	61	61	4333
≥28	17	8	9	5	7	2	1	1	1		1	1					72-1	48	169	169	4333
≥24	9	7	14	15	6	6	7	3	1		1	1	1			1	108-1	72	327	327	4333
≥20	22	14	16	10	8	10	3	9	4	2	1	4	1		2	6	210-1	112	625	631	[illegible]
≥16	20	17	8	10	10	13	9	3	8	9	8	5	2	1	2	21	216-1	146	1200	1213	[illegible]
≥12	12	13	18	13	9	7	4	13	10	6	7	7	5		3	42	468-1	169	2034	2099	[illegible]
≥9	25	11	7	9	10	8	5	9	4	5	3	7	3	6	5	56	840-1	[illegible]	2797	[illegible]	[illegible]
≥6	19	7	7	5	5	6	5	5	3		3	2	7	1	2	61	912-1	[illegible]	3502	[illegible]	[illegible]
≥3	5		1			1	1							1		37	SEA-1	46	4017	4670	[illegible]

HOURS DURATION OF EVENTS

2

WINTER

WAVE HEIGH

22 42.8N 167.5W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40	5	3	1	1													24-1	10	18	18	4333
≥34	11	2	9	4	2		1										42-1	29	75	75	4333
≥28	17	12	12	7	11	7	3	4	1	1	1						66-1	76	285	286	4340
≥24	18	29	14	13	18	8	8	7	6	4	3		2		1	1	96-1	132	604	609	4340
≥20	22	23	20	16	12	18	13	10	10	5	9	10	6	1	6	6	168-1	187	1187	1194	4344
≥16	33	17	14	11	11	23	12	14	11	7	14	6	6	6	6	31	288-1	222	1934	1983	4379
≥12	16	16	9	12	12	9	7	14	9	6	7	5	10	3	10	63	678-1	208	3043	3159	4461
≥9	11	5	2	8	6	4	5	4	3	4	3		2	3	1	78	792-1	139	3550	3999	4590
≥6	6	1	4	1		1	1	3		1			1	2		44	1716-1	65	3509	4518	4685
≥3			1													13	SEA-6	14	3147	4544	4559

HOURS DURATION OF EVENTS

23 42.4N 172.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4332
≥56		1															12-1	1	2	4	4332
≥48	2	1			1												30-1	4	9	16	4332
≥40	5	5	3	1	1	2		1									48-1	18	53	62	4332
≥34	8	3	7	4	3	2		3		1							60-1	31	112	123	4332
≥28	28	17	10	10	6	5	2	3	4	4	1		1				78-1	91	330	343	4332
≥24	27	28	24	14	12	7	8	5	2	4	3	3	1		1	3	114-1	142	616	639	4333
≥20	34	37	31	25	16	18	11	12	11	7	2	3	5	3		6	144-1	221	1113	1143	4343
≥16	38	23	21	27	22	18	13	11	9	12	12	3	3	9	3	28	174-2	252	1818	1916	4355
≥12	16	19	18	17	19	14	18	9	4	10	7	15	3	3	6	57	396-1	235	2737	2935	4375
≥9	13	12	10	11	9	8	7	6	6	2	2	2	7	2	1	78	660-1	176	3450	3784	4456
≥6	4	6	1	5	2	2	3		2			3	1	1		47	1644-1	77	3412	4361	4547
≥3																14	SEA-3	14	3256	4920	4930

HOURS DURATION OF EVENTS

25 40.2N 131.2E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28	1																6-1	1	1	1	4333
≥24	2																6-2	2	2	2	4333
≥20	3	1	1	2				1									48-1	8	24	24	4333
≥16	10	7	4	5	3				2			1					72-1	32	101	101	4333
≥12	21	9	13	2	6	4	6	6	1	4	1	3		1	1	1	156-1	79	381	382	4335
≥9	38	25	16	12	15	4	4	2	6	5	5		2	2	3	13	198-1	152	891	895	4336
≥6	53	40	27	12	16	11	14	10	7	4	4	4	7	3	4	30	342-1	246	1800	1824	4338
≥3	40	26	27	14	10	14	10	3	9	8	9	5	1	3	5	62	648-1	246	2988	3171	4389

HOURS DURATION OF EVENTS

26 39.5N 153.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48			1														18-1	1	3	3	4334
≥40	2	1					1										42-1	4	11	11	4334
≥34	5	5	2			1			1								54-1	14	36	36	4334
≥28	12	9	4	8	1	3		1			1					1	132-1	40	138	140	4336
≥24	25	19	9	4	8	7	4	3	1			2				1	144-1	83	297	303	4337
≥20	25	19	24	19	14	14	8	8	2	4	4	1	1	1		2	144-1	146	666	675	4337
≥16	26	28	29	23	23	10	19	13	10	10	1	9	7	4		9	156-1	221	1303	1318	4354
≥12	19	30	15	30	23	13	11	17	13	7	17	5	9	4	7	39	228-1	259	2178	2238	4362
≥9	19	20	17	13	14	13	7	9	7	11	8	7	12	6	9	71	492-1	243	3070	3217	4431
≥6	10	7	6	6	2	4	4	7	5	2		4	2	1	1	72	1056-1	133	3782	4138	4553
≥3		1			1		1									19	SEA-3	22	3244	4660	4680

HOURS DURATION OF EVENTS

28 36.1N 123.8W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28		1															12-1	1	2	2	4333
≥24	5	1		1													24-1	7	11	11	4333
≥20	8	5	5	4	1	2		1									48-1	26	74	74	4333
≥16	18	13	14	8	5	6	2	3	3	1							60-1	73	254	254	4333
≥12	25	13	16	18	12	11	9	10	3	3	3	4	1	2	1	6	168-1	137	756	758	4333
≥9	38	18	13	16	15	14	10	10	10	9	6	6	4	2	4	23	294-1	198	1517	1531	4371
≥6	32	18	8	9	8	17	9	9	7	7	4	6	5	3	8	55	504-1	205	2609	2743	4468
≥3	10	3	5	1	4	5	6	1	5	3	2		4	3	2	61	1944-1	115	4219	4502	5061

HOURS DURATION OF EVENTS

29 35.9N 171.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40	1																6-1	1	1	1	4334
≥34	3	4			3												30-3	10	26	26	4334
≥28	12	6	6	5				2		2							60-2	33	98	98	4334
≥24	13	12	14	12	3	4	1				2		1			1	114-1	63	227	227	4334
≥20	25	26	22	13	14	10	4	5	1	3		2		1		4	138-1	130	551	552	4334
≥16	35	23	24	20	16	19	10	12	4	4	2	1	3	2		14	366-1	189	1129	1132	4337
≥12	26	25	17	19	13	11	11	10	10	7	9	5	6	2	3	40	648-1	214	2180	2203	4344
≥9	25	17	18	9	10	14	8	8	10	8	5	9	5	4	2	51	1242-1	203	2925	3054	4381
≥6	14	7	7	8	1	7	6	5	5	2	3	3	1	1	2	59	1218-1	131	3378	3998	4515
≥3			1		1		1	1				1	1		1	23	SEA-3	30	3226	4477	4536

HOURS DURATION OF EVENTS

31 35.6N 155.2W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40	2	1															12-1	3	4	4	4333
≥34	2	4	3		1												30-1	10	24	24	4333
≥28	12	13	6	3	2	1	1	2	1								54-1	41	116	116	4333
≥24	9	10	14	11	4	5	1	1	2	1		2	1	1			84-1	62	259	259	4333
≥20	22	21	10	9	8	9	4	6	6	4	2	1	1		2	4	156-1	111	551	551	4333
≥16	23	26	21	16	9	14	5	13	8	6	5	8	2	3		13	234-1	172	1142	1142	4334
≥12	27	15	16	16	12	17	18	2	10	10	11	5	4	3		35	774-1	201	1998	2038	4342
≥9	15	9	11	11	11	10	13	12	5	3	8	4	9	3	8	44	648-1	176	2534	2871	4369
≥6	22	6	5	8	4	5	5	3	1	3	3	6	1	1	2	60	1020-1	135	2969	3789	4479
≥3	3		2	3		2	1		1	2						25	SEA-2	39	3555	4643	4740

HOURS DURATION OF EVENTS

32 35.4N 142.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34	2	3															12-3	5	8	8	4333
≥28	2	5	2	2		1	1										42-1	13	39	39	4333
≥24	10	9	5	4	2		2	1	1			1					72-1	35	112	112	4333
≥20	27	9	4	8	10	5	2		4		1	1			2	1	114-1	74	291	291	4333
≥16	15	23	20	5	9	16	6	3	7	1	1		3	2	3	6	294-1	120	707	707	4333
≥12	28	18	11	18	16	15	12	6	8	7	6	3	2	1	1	26	324-1	178	1432	1436	4337
≥9	32	15	16	13	9	4	9	11	7	4	1	6	7	7	3	46	456-1	190	2197	2221	4371
≥6	18	10	18	10	8	7	4	8	4	6	7	4	6	4	3	57	858-1	174	2935	3271	4470
≥3	5	5	3	3	2				2	4		2	1	2	2	47	1932-1	78	3733	4391	4690

HOURS DURATION OF EVENTS

34 34.2N 155.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48	1																6-1	1	1	1	4334
≥40			1														18-1	1	3	3	4334
≥34	1				1												30-1	2	6	6	4334
≥28	3	1	1		2								1				78-1	8	31	31	4334
≥24	15	7	5	1	2		1	2		2			1				78-1	36	114	116	4334
≥20	16	15	11	8	5	2	6	2		2		1	1		1	1	102-1	71	283	287	4334
≥16	18	26	21	14	18	8	10	6	2	4	5	2		2	1	3	174-1	140	688	713	4334
≥12	31	27	21	28	20	16	15	11	7	5	9	5	10	4	6	18	228-1	233	1588	1637	4348
≥9	21	23	15	20	16	16	14	9	11	13	6	8	7	5	7	50	522-1	241	2532	2650	4358
≥6	8	6	8	10	3	6	5	9	5	6	3	3	3	3	3	72	1278-1	153	3544	3750	4456
≥3	1		1	1	1			4							2	28	SEA-2	38	3180	4511	4628

HOURS DURATION OF EVENTS

35 34.2N 163.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48	1																6-1	1	1	1	4334
≥40	1			1													24-1	2	5	5	4334
≥34	2			1	1												30-1	4	11	11	4334
≥28	6	3	4	2		1		1									48-1	17	46	46	4334
≥24	19	4	5	6	1	4	2		1	2		1					72-1	45	150	150	4334
≥20	19	25	9	18	6	5	3	2	3	1	2	2	1				78-1	96	361	361	4334
≥16	28	26	19	25	10	15	12	9	6	2	2	3	2	3	1	3	168-1	166	814	829	4334
≥12	26	40	30	24	23	18	15	9	7	10	11	2	6	7	4	19	240-1	251	1713	1781	4334
≥9	30	21	25	14	32	25	16	6	9	10	4	3	4	6	6	50	600-1	261	2825	2923	4336
≥6	9	8	6	11	7	6	6	7	2	2	4	4	1	5	3	59	1278-1	140	3499	3923	4438
≥3	3	1				2		1					1			23	SEA-2	31	3320	4537	4607

HOURS DURATION OF EVENTS

37 32.9N 119.4W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28																					4333
≥24																					4333
≥20	1																6-1	1	1	1	4333
≥16	6		1	1													24-1	8	13	13	4333
≥12	14	4	4	4	2	3	2			1						1	108-1	35	120	120	4333
≥9	33	7	9	13	6	5	3	4	1	3	2	1				2	150-1	90	354	354	4335
≥6	49	23	18	7	9	12	10	8	8	8	4	2	2	7	1	11	258-1	179	1042	1045	4356
≥3	55	29	19	14	18	14	16	7	9	5	8	9	4	3	8	47	450-1	265	2518	2569	4386

HOURS DURATION OF EVENTS

38 31.5N 127.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28																					4333
≥24		2															12-2	2	4	4	4333
≥20	3	7	3	1		1											36-1	15	36	36	4333
≥16	11	9	10	8	7	2	1	1		1							60-1	50	163	163	4333
≥12	11	10	11	5	16	6	14	3	6	6	1	3	2	2	1	1	120-1	98	572	575	4333
≥9	23	12	16	10	10	11	7	9	12	8	4	5	5	2		22	222-1	156	1227	1239	4353
≥6	23	9	10	11	14	9	11	11	10	9	10	5	2	3	3	49	444-2	189	2271	2354	4441
≥3	20	5	8	4	2	2	6	6	4	5	3	3	5	6	4	67	1050-1	150	3622	3910	4696

HOURS DURATION OF EVENTS

40 29.6N 165.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34	1		1														18-1	2	4	4	4333
≥28	4			4													24-4	9	21	21	4333
≥24	9	6	5	3	3	2		1									48-1	27	75	75	4333
≥20	8	10	3	4	8	7		2	1	1	2					1	96-1	47	208	212	4333
≥16	18	11	8	13	7	10	4	4	4	3	2			2	1	5	180-1	92	506	514	4333
≥12	28	20	12	16	15	12	13	10	5	4	5	3	6	2		16	348-1	167	1219	1232	4333
≥9	28	17	13	10	10	11	10	14	8	9	6	2	3	3	3	37	534-1	185	1994	2076	4348
≥6	25	13	12	9	6	7	7	4	3	6	2	4	5	4	2	61	1272-1	170	2518	3222	4375
≥3	5		3		2			2		1	1	1	1	2	2	29	SEA-1	49	3418	4555	4712

HOURS DURATION OF EVENTS

41 29.4N 134.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28																					4334
≥24	1				1												30-1	2	6	6	4334
≥20	4	1		1							1						66-1	7	21	21	4334
≥16	6	5	1	1	1	1		2	1				1				78-1	19	72	72	4334
≥12	17	14	4	7	6	4	1	2	2			2	2		1	1	162-1	65	286	286	4335
≥9	21	15	17	11	8	8	5	5	2	1	3	1	2	2	3	10	324-1	114	701	710	4337
≥6	30	20	24	16	10	16	8	17	9	6	5	5	3	3	1	32	336-1	205	1699	1708	4338
≥3	18	10	9	5	4	7	11	15	10	7	5	3	3	3	3	70	[illegible]-1	183	3336	3477	4472

HOURS DURATION OF EVENTS

WAVE HEIGHT DURATIONS (Cont'd)

23 — 42.4N 172.1E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4332
>56		[illegible]															12-1	1	2	4	4332
>48	[illegible]	[illegible]			[illegible]												30-1	4	9	16	4332
>40	5	5	3	1	1	2		1									48-1	18	53	62	4332
>34	8	3		4	3	2		3		1							60-1	31	112	123	4332
>28	18	[illegible]	10	10	6	5	2	3	4	4	1		1				78-1	91	330	343	4332
>24	[illegible]	28	24	14	12	7	8	5	2	4	3	3	1		1	3	114-1	142	616	639	4333
>20	34	[illegible]	[illegible]	25	16	8	[illegible]	12	[illegible]	7	2	3	5	3		6	144-1	221	1113	1143	4343
>16	38	23	[illegible]	[illegible]	22	18	13	[illegible]	9	12	12	3	3	9	3	28	174-2	252	1818	1916	4355
>12	16	19	8	[illegible]	19	14	18	9	4	10	7	15	3	3	6	57	396-1	235	2737	2935	4375
>9	[illegible]	[illegible]	10	11	9	8	[illegible]	6	6	2	2	2	[illegible]	2	1	78	660-1	176	3450	3784	4456
>6	4	6	[illegible]	5	[illegible]	2	3		2			3	[illegible]	1		47	1644-1	77	3412	4361	4547
>3																14	SEA-3	14	3256	4920	4930

HOURS DURATION OF EVENTS

24 — 41.0N 134.9W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4333
>56																					4333
>48			1														18-1	1	3	3	4333
>40		1															24-1	2	6	6	4333
>34	4	2	5			1	1										42-1	13	36	36	4333
>28	8	7	6	6	4	2	1			1	1						66-1	36	124	124	4333
>24	21	13	11	9	7	2	6	3			1	1				2	96-2	76	284	284	4334
>20	13	19	16	12	7	12	3	12	2	2	4	2	2	1		5	150-1	112	619	619	4337
>16	19	17	13	17	13	16	6	9	8	7	3	3		1	2	21	300-1	155	1156	1167	4342
>12	20	11	12	8	10	9	5	9	2	9	6	8	5	7	2	42	546-1	165	2126	2148	4372
>9	14	15	7	12	9	6	6	2	3	4	5	5	3	5	5	56	744-1	157	2794	2893	4380
>6	4	7	11	8	3	2	2		3		1	4		4	1	57	978-1	107	3451	3850	4597
>3	7	1	1	1	1	1	1	1							1	32	SEA-1	47	3852	4751	4939

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4334
>56																					4334
>48	[illegible]																18-1	1	3	3	4334
>40	[illegible]																42-1	4	11	11	4334
>34	[illegible]	[illegible]	[illegible]														54-1	14	36	36	4334
>28	[illegible]	2	4	8	[illegible]	3										1	132-1	40	138	140	4336
>24	[illegible]	[illegible]	2	4	8	[illegible]	4	3				2				1	144-1	83	297	303	4337
>20	[illegible]	[illegible]	24	[illegible]	14	14	8	8	[illegible]	4	4	[illegible]	[illegible]	[illegible]		2	144-1	146	666	675	4337
>16	[illegible]	8	23	23	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	[illegible]	4		9	156-1	221	1303	1318	4354
>12	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	9	4	[illegible]	39	228-1	259	2178	2238	4362
>9	[illegible]	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	6	9	[illegible]	492-1	243	3070	3217	4431
>6		[illegible]	[illegible]	[illegible]	[illegible]	4	4	[illegible]	5	[illegible]		4	2	[illegible]	[illegible]	[illegible]	1056-1	133	3782	4138	4553
>3																19	SEA-3	22	3244	4660	4680

HOURS DURATION OF EVENTS

27 — 36.2N 127.4W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4333
>56																					4333
>48																					4333
>40																					4333
>34	1																6-1	1	1	1	4333
>28	1	2				1											36-1	4	11	11	4333
>24	6	4	3	3					1								54-1	17	44	44	4333
>20	6	12	11	7	3	3			2	1		1					72-1	46	164	164	4333
>16	15	12	13	12	3	11	3	6		3		3			1	2	108-1	84	391	395	4333
>12	25	13	11	12	13	21	10	11	4	4	7	7	2	2	3	7	234-1	152	1002	1010	4354
>9	24	19	13	9	10	12	13	8	15	6	4	4	7	3	5	36	318-1	188	1833	1842	4365
>6	22	14	13	9	5	5	6	7	11	7	6	3	6	4	5	65	588-1	188	2875	2988	4414
>3	12	7	1	1			2	1	3	1	3	6	3	3	1	53	1386-1	97	4131	4504	4915

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4334
>56																					4334
>48																					4334
>40	[illegible]																6-1	1	1	1	4334
>34	2	4				[illegible]											30-3	10	26	26	4334
>28	[illegible]	6	6	3				2		2							60-2	33	98	98	4334
>24	3	[illegible]	4	[illegible]	3	4		1			2		1			1	114-1	63	227	227	4334
>20	5	16	[illegible]	13	4	12	4	5	1	3		2		1		4	138-1	130	551	552	4334
>16	[illegible]	23	24	[illegible]	16	19	10	12	4	4	2	1	3	2		14	366-1	189	1129	1132	4337
>12	26	25	[illegible]	9	13	[illegible]	[illegible]	10	10	7	9	5	6	2	3	40	648-1	214	2180	2203	4344
>9	[illegible]	[illegible]	8	9	[illegible]	14	8	8	10	8	5	9	5	4	2	51	1242-1	203	2925	3054	4381
>6	14	[illegible]	[illegible]	8	[illegible]		6	5	5	2	3	3	1	1	2	59	1218-1	131	3378	3998	4515
>3												1	1		1	23	SEA-3	30	3226	4477	4536

HOURS DURATION OF EVENTS

30 — 35.7N 176.1E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4334
>56																					4334
>48	1																6-1	1	1	1	4334
>40		2															12-2	2	4	4	4334
>34	1	4	2		1												30-1	8	20	20	4334
>28	11	5	2	6	2	1	1										42-1	28	74	74	4334
>24	8	10	13	8	1	8	1	1	2								54-2	52	185	185	4334
>20	22	13	21	14	12	7	6	4		3	1	1	2				78-2	106	422	426	4334
>16	28	26	27	15	13	10	9	16	5	5	3	7	2	2	1	7	144-1	176	952	986	4334
>12	41	26	22	28	16	20	15	10	7	6	10	4	5	6	7	29	414-1	252	1982	2046	4339
>9	19	16	17	7	16	8	13	8	6	9	6	10	7	5		60	1086-1	207	2901	3067	4394
>6	10	11	4	6	8	7	3	3	7	1	2	2	1	4	1	63	1614-1	133	3245	3884	4439
>3	1		1	1	1						1	1	1		1	22	SEA-1	30	3187	4636	4715

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4333
>56																					4333
>48																					4333
>40																					4333
>34	4	3															12-3	5	8	8	4333
>28	2	5	2	2													42-1	13	39	39	4333
>24	10	9	5	4	2		2	1	1			1					72-1	35	112	112	4333
>20	27	9	4	8	10	5	2		4		1	1			2	1	114-1	74	291	291	4333
>16	15	23	20	5	9	16	6	3	7	1	1		3	2	3	6	294-1	120	707	707	4333
>12	28	18	11	18	16	15	12	6	8	7	6	3	2	1	1	26	324-1	178	1432	1436	4337
>9	32	15	16	13	9	4	9	11	7	4	1	6	7	7	3	46	456-1	190	2197	2221	4371
>6	18	10	18	10	8	7	4	8	4	6	7	4	6	4	3	57	858-1	174	2935	3271	4470
>3	5	5	3	3	2				2	4		2	1	2	2	47	1932-1	78	3733	4391	4690

HOURS DURATION OF EVENTS

33 — 34.6N 145.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4334
>56																					4334
>48																					4334
>40			1														18-1	1	3	3	4334
>34		1		1													24-1	2	6	6	4334
>28	1		1	1	2	1											36-1	6	24	24	4334
>24	3	3	2	1		1		1		1						1	96-1	13	59	59	4334
>20	5	5	7	4	2	2	1			1	1		1			1	174-1	30	144	144	4334
>16	24	14	10	3	4	9	6	2	3	1	1	1		2		1	186-1	81	345	347	4338
>12	25	27	35	15	21	5	6	8	5	6	3	4		3		9	204-1	172	899	908	4341
>9	34	23	28	25	22	18	18	11	9	7	7	3	5	1	3	23	258-1	237	1637	1673	4346
>6	30	18	17	19	20	15	9	16	9	4	10	7	5	7	6	59	402-1	251	2826	2937	4388
>3	8	9	4	7	1	2		6	3	3		3	5	1	2	57	1482-1	111	3863	4340	4686

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4334
>56																					4334
>48	1																6-1	1	1	1	4334
>40	1			1													24-1	2	5	5	4334
>34	2			1	1												30-1	4	11	11	4334
>28	6	3	4	2		1		1									48-1	17	46	46	4334
>24	19	4	5	6	1	4	2		1	2		1					72-1	45	150	150	4334
>20	19	25	9	18	6	5	3	2	3	1	2	2	1				78-1	96	361	361	4334
>16	28	26	19	25	10	15	12	9	6	2	2	3	2	3	1	3	168-1	166	814	829	4334
>12	26	40	30	24	23	18	15	9	7	10	11	2	6	7	4	19	240-1	251	1713	1781	4334
>9	30	21	25	14	32	25	16	6	9	10	4	3	4	6	6	50	600-1	261	2825	2923	4336
>6	9	8	6	11	7	6	6	1	2	2	4	4	1	5	3	59	1278-1	140	3499	3923	4438
>3	3	1				2		1								23	SEA-2	31	3320	4537	4607

HOURS DURATION OF EVENTS

36 — 33.7N 123.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4333
>56																					4333
>48																					4333
>40																					4333
>34																					4333
>28																					4333
>24																					4333
>20																					4333
>16	4	3															12-3	7	10	10	4333
>12	17	10	12	7	5	4	1		1			1					72-1	58	178	178	4333
>9	37	27	21	15	13	14	6	6	2	2	2		1			3	120-1	149	582	583	4335
>6	29	26	38	22	21	16	17	6	9	7	8	7	5	2	6	11	234-2	230	1450	1471	4339
>3	25	25	19	14	14	17	19	9	16	10	4	10	9	9	7	53	366-1	260	2843	2868	4365

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4333
>56																					4333
>48																					4333
>40																					4333
>34																					4333
>28																					4333
>24		2															12-2	2	4	4	4333
>20	3	7	3	1		1											36-1	15	36	36	4333
>16	11	9	10	8	7	2	1	1		1							60-1	50	163	163	4333
>12	11	10	11	5	16	6	14	3	6	6	1	3	2	2	1	1	120-1	98	572	575	4333
>9	23	12	16	10	10	11	7	9	12	8	4	5	5	2		22	222-1	156	1227	1239	4353
>6	23	9	10	11	14	9	11	11	10	9	10	5	2	3	3	49	444-2	189	2271	2354	4441
>3	20	5	8	4	2	2	6	6	4	5	3	3	5	6	4	67	1050-1	150	3622	3910	4696

HOURS DURATION OF EVENTS

39 — 29.9N 177.3W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4334
>56																					4334
>48																					4334
>40																					4334
>34		2															12-2	2	4	4	4334
>28	3	2	2	1	1			1									48-1	10	30	30	4334
>24	4	1	6	4	2	1	1				1						66-1	20	74	74	4334
>20	8	5	6	9	5	4	4	1	1	1	1						66-1	45	187	187	4334
>16	13	16	8	7	8	5	1	2	6	4	6	3	1	2	1	1	210-1	84	477	477	4334
>12	24	12	7	16	6	13	13	5	6	3	4		4	2	3	19	312-1	137	1112	1128	4353
>9	16	21	21	9	15	18	10	12	7	8	4	3	2	6		32	738-1	184	1921	1973	4358
>6	27	11	17	15	12	4	8	8	6	4	6	5	3	5	2	54	1248-1	187	2734	3001	4380
>3	8	4	1	4		1	4	2		1	1	2	1	1	1	52	1644-1	83	3627	4431	4693

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4334
>56																					4334
>48																					4334
>40																					4334
>34																					4334
>28																					4334
>24	1				1												30-1	2	6	6	4334
>20	4	1		1							1						66-1	7	21	21	4334
>16	6	5	1	1	1	1		2	1				1				78-1	19	72	72	4334
>12	17	14	4	7	6	4	3	2	2			2	2		1	1	162-1	65	286	286	4335
>9	21	15	17	11	8	8	5	5	2	1	3	1	2	2	3	10	324-1	114	701	710	4337
>6	30	20	24	16	10	16	8	17	9	6	5	5	3	3	1	32	336-1	205	1699	1708	4338
>3	18	10	9	5	4	7	11	15	10	7	5	3	3	3	3	70	738-1	183	3336	3477	4472

HOURS DURATION OF EVENTS

42 — 28.6N 139.2W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4333
>56																					4333
>48																					4333
>40																					4333
>34																					4333
>28	1																6-1	1	1	1	4333
>24				1													24-1	1	4	4	4333
>20	6	4	2		1												30-1	13	25	25	4333
>16	12	9	5	5	3	4	2	1					1				78-1	42	139	139	4333
>12	22	11	10	11	8	4	9	6	3	4	3	1		1	1	2	120-1	96	472	473	4342
>9	27	8	15	16	10	9	9	7	5	2	8	1	6	3	3	16	312-1	145	1083	1107	4359
>6	27	17	19	16	13	7	12	13	7	8	3	7	3	2	6	48	450-1	208	2265	2339	4448
>3	20	9	6	4	4	3	2	4	4	2	2	5	5		1	62	1170-1	131	3575	4121	4664

HOURS DURATION OF EVENTS

WAVE HEIGHT DURATIONS (Cont'd)

43 — 28.2N 125.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28	1	1															12-1	2	3	3	4334
≥24	2		2		1												30-1	5	13	13	4334
≥20	2	6	2		1	2		1									48-1	14	45	45	4334
≥16	14	8	10	9	7	1	2		1	1	1		1	1			84-1	56	208	210	4335
≥12	25	21	8	14	12	6	6	13	6	2	3			1	1	6	210-1	124	666	674	4338
≥9	36	21	20	13	21	9	15	11	10	6	6	7	2	3	5	15	300-1	200	1366	1392	4340
≥6	18	9	9	13	16	14	9	15	9	4	6	5	4	3	3	57	330-2	194	2404	2490	4357
≥3	22	10	8	2	6	4	4	9	6	7	6	4	3	4	3	69	[illegible]2-1	167	3513	3688	4459

HOURS DURATION OF EVENTS

44 — 27.9N 150.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28		1															12-1	1	2	2	4334
≥24		4	2	1													24-1	7	18	18	4334
≥20	3	2	2	1	2	1					1						66-1	12	44	44	4334
≥16	8	5	2	4	4	4		3	1			1					72-1	32	129	129	4334
≥12	13	10	10	6	3	2	8	7	3	4	1	4	1	1	1	2	102-1	76	427	429	4334
≥9	38	20	21	9	15	12	11	5	10	4	1	7	3	2	5	10	210-1	173	1036	1060	4334
≥6	36	20	22	15	10	14	12	14	11	6	4	4	4	5	9	51	432-1	237	2348	2391	4411
≥3	19	8	3	2	5	3	3	2	4	2	1	3	2	2	1	66	1284-1	126	3774	4291	4795

HOURS DURATION OF EVENTS

46 — 26.1N 170.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28					1												30-1	1	5	5	4334
≥24		1	1			1											36-1	3	11	11	4334
≥20	6	1	4		3	1	2										42-2	17	55	55	4337
≥16	6	4	8	4	2	2	3	3	3				2		1	1	102-1	39	206	211	4344
≥12	11	4	4	10	6	8	6	4	3	3	4	2	4	3	1	4	282-1	77	565	572	4352
≥9	27	18	19	6	6	7	7	6	9	6	4	4	6	2	1	16	306-1	144	1058	1069	4356
≥6	40	17	11	10	9	12	15	10	9	4	4	8	5	2	6	40	528-1	202	2166	2227	4433
≥3	19	10	6	4	5	2		3	2	3	3	2	2	6		52	1338-1	119	3789	4294	4797

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28																					4333
≥24																					4333
≥20																					4333
≥16		1															12-1	1	2	2	4333
≥12	3		2	1	3	1				1							60-1	11	44	47	4333
≥9	16	3	5	11	5	3	3	1	2	2			2			1	144-1	54	241	247	4340
≥6	32	16	9	8	11	10	4	9	4	4	7	4			5	16	240-1	139	1012	1051	4347
≥3	38	22	12	8	11	6	5	9	8	7	5	3	5	4	4	61	1776	208	3306	3386	4858

HOURS DURATION OF EVENTS

49 — 22.8N 128.0E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28																					4334
≥24	1		2														18-2	3	7	7	4334
≥20			2				1		1								54-1	4	22	22	4334
≥16	8	4	5	3	3	1	2				2		1				78-1	29	113	113	4334
≥12	31	11	5	7	9	4	6	3	3	2	3	3		2		9	240-1	98	565	565	4339
≥9	25	14	10	17	11	10	3	6	7	4	5	3	4	4	5	25	510-1	153	1455	1455	4340
≥6	25	16	9	7	9	7	4	7	6	5	6		7	1	2	59	708-1	170	2826	2847	4366
≥3	7	6	4	2	2	3		1	3	2	1	1	1		2	45	2010-1	80	3674	4277	4628

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28																					4334
≥24		1															12-1	1	2	2	4334
≥20	3	1	1	1		2											36-2	8	24	24	4334
≥16	7	4	3	2	1	2	1	1	1	2						1	102-1	25	110	110	4334
≥12	14	9	5	7	3	5	6	1	3	1	1	2	1	1	3	1	132-1	63	336	336	4336
≥9	56	17	15	7	8	10	9	6	3	5	4	4	5	1	2	11	282-1	161	879	884	4351
≥6	52	15	19	14	12	12	10	5	9	9	10	6	1	5	8	41	666-1	228	2217	2267	4417
≥3	13	7	3	1	3	3	6	4	1	1	2	1		3	2	57	SEA-1	107	3804	4215	4705

HOURS DURATION OF EVENTS

52 — 19.2N 127.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28																					4333
≥24																					4333
≥20																					4333
≥16	6	1	3		1	1											36-1	12	28	28	4333
≥12	13	9	6	4	4	3	1	2		1	1						66-1	44	147	147	4333
≥9	36	23	11	18	8	12	7	3	1	2	4	2	1	2		6	234-1	136	649	662	4333
≥6	54	22	13	18	14	5	11	7	8	8	8	6	1	3	6	47	336-1	231	2158	2247	4393
≥3	24	14	4	3	2	3	1	2	4	1	2	2	1	1		48	1806-1	112	4327	4870	5368

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40			1														18-1	1	3	3	4334
≥34					1												30-1	1	5	5	4334
≥28	2	1	2					1									48-1	6	18	18	4334
≥24	9	4	1	1		2	1			1						1	114-1	20	72	72	4334
≥20	20	5	6	6	2	1	2	1	3	2			1		1	2	138-1	52	224	224	4334
≥16	20	13	13	6	7	5	7	3	3	5	3	2	1	2		7	204-1	97	592	593	4334
≥12	28	14	5	10	11	8	4	9	6	4	3	2	2	2	3	27	402-1	138	1353	1372	4342
≥9	35	16	10	3	6	3	2	3	5	6	7	3	4	1	1	47	528-1	152	2188	2251	4344
≥6	9	6	8	3	8	4	4	2	3	1	3	2	3	4	1	49	1062-1	110	2825	3254	4390
≥3	9	5	1	2	5	1	3	1	2	2	1		2		1	33	SEA-1	68	3284	4190	4504

HOURS DURATION OF EVENTS

55 — 17.6N 138.5E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34	1																6-1	1	1	1	4334
≥28		1						1									48-1	2	10	10	4334
≥24	4		1					1				1					72-1	7	27	27	4334
≥20	5	5	2	4	2			1				1	1				78-1	21	80	80	4334
≥16	21	9	5	6	2	5		3		1			2			3	150-1	57	235	235	4334
≥12	35	19	7	10	8	5	8	4	3	1	5	2	3	1	2	11	282-1	124	744	749	4334
≥9	39	15	15	8	8	10	6	4	7	4	4	4	1	3	2	32	504-1	162	1635	1659	4362
≥6	28	10	9	1	7	3	6	5	3	2	4	4	4	4	2	58	852-1	150	3130	3299	4551
≥3	10	4	1	2	3		4				1	2	2	1		36	SEA-3	66	4124	4779	4984

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28																					4333
≥24																					4333
≥20																					4333
≥16																					4333
≥12	1	2															12-2	3	5	5	4333
≥9	19	7	2	3	4		1	1									48-1	37	86	88	4333
≥6	56	18	21	10	12	8	6	3	3	1	1	5	2		3	4	162-2	153	637	649	4350
≥3	57	34	20	10	12	7	8	9	11	5	7	5	3	4	2	49	2052-1	243	2873	3168	4829

HOURS DURATION OF EVENTS

58 — 14.5N 127.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34	1																6-1	1	1	1	4334
≥28	1		1				1										42-1	3	11	11	4334
≥24	2	2	2	1	2					1							60-1	12	44	44	4334
≥20	5	2	3	1	1	1	2		2	1				2		1	102-1	21	120	120	4334
≥16	6	13	8	4	3	4	2	1	1	2	3	1	3	1		5	174-1	57	366	367	4334
≥12	12	4	3	5	2	3	6	7	4	1	2	6	1		2	20	294-1	78	931	946	4334
≥9	19	6	11	2	8	7	7	2	1	5	4	5	3	1	3	35	474-1	119	1738	1806	4354
≥6	29	16	3	5	7	5	1	5	2	3	3	4	3	3	2	45	1086-1	136	2814	3184	4419
≥3	7	1	1	1	1	3	2	1	1		1			1		25	SEA-2	45	3385	4547	4710

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28																					4334
≥24																					4334
≥20																					4334
≥16	1	2															12-2	3	5	5	4334
≥12	8	2	2	4	1	1		2									48-2	20	61	61	4334
≥9	25	14	15	7	6	3	5	3	3		4	1	1		1	6	234-1	94	488	490	4334
≥6	51	14	7	11	6	7	6	10	4	4	6	4	1	2	2	34	918-1	169	1774	2014	4453
≥3	27	8	5	5	4		3	2		1	2		2	2	2	35	SEA-2	98	3491	4282	4853

HOURS DURATION OF EVENTS

61 — 12.0N 156.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28																					4334
≥24																					4334
≥20			2														18-2	2	6	6	4334
≥16	3	1	1	1	1	2	1		1	1		1				1	[illegible]	14	85	85	4340
≥12	[illegible]	8	4	6	2	1	6	2	2	1	1	2	1		1	6	[illegible]	56	351	351	4346
≥9	[illegible]	22	18	9	7	6	4	5	5	7	2	2	3	3	2	22	[illegible]	146	1131	1156	4381
≥6	[illegible]	8	5	7	5	2	6	6	3	1	2	4	4	4	5	61	[illegible]	146	3205	3378	4733
≥3	5		1			2	2						1	1	1	26	SEA-3	39	3759	5108	5232

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28			1														18-1	1	3	3	4334
≥24						1											36-1	1	6	6	4334
≥20		3			1		1	1		2							60-2	8	46	46	4334
≥16	3	3	5			1	3	2	2	1		1		2		3	108-1	26	187	194	4334
≥12	5	3	3	2	3	2	4	2	3	4	5	1	1	1	2	12	270-1	53	568	578	4334
≥9	6	5	3	5	3	3	4	3	4	6	2	1	4	3	4	26	306-1	82	1210	1251	4334
≥6	2	2	1	2	3	2	1	2	1	5	2	2	4	3	4	47	684-1	83	2123	2264	4335
≥3	2	2	3	1	4	1	2	1		2	3	1		1		44	1056-1	67	2642	3400	4388

HOURS DURATION OF EVENTS

44 — 27.9N 150.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28		1															12-1	1	2	2	4334
≥24		4	2	1													24-1	7	18	18	4334
≥20	3	2	2	1	2	1					1						66-1	12	44	44	4334
≥16	8	5	2	4	4	4		3	1			1					72-1	32	129	129	4334
≥12	13	10	10	6	3	2	8	7	3	4	1	4	1	1	1	2	102-1	76	427	429	4334
≥9	38	20	21	9	15	12	11	5	10	4	1	7	3	2	5	10	210-1	173	1036	1060	4334
≥6	36	20	22	15	10	14	12	14	11	6	4	4	4	5	9	51	432-1	237	2348	2391	4411
≥3	19	8	3	2	5	3	3	2	4	2	1	3	2	2	1	66	1284-1	126	3774	4291	4795

HOURS DURATION OF EVENTS

45 — 27.8N 145.8W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28																					4333
≥24	3	1															12-1	4	5	5	4333
≥20	7	3	3	2		1											36-1	16	36	36	4333
≥16	13	8	9	11	4	4	1		2								54-2	52	169	169	4333
≥12	20	12	11	10	11	7	4	5	6	1	7	2		2	1	3	150-1	102	558	562	4333
≥9	34	12	13	15	11	14	4	5	11	8	5	1	1	7	2	19	288-1	163	1243	1252	4390
≥6	44	20	19	19	8	9	9	5	7	9	4	4	7	6	7	52	552-1	229	2484	2572	4442
≥3	16	4	2	6	4	4	2	1	1		2	1	1	1	3	62	1620-1	110	4286	4636	5067

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28																					4333
≥24																					4333
≥20																					4333
≥16		1															12-1	1	2	2	4333
≥12	3		2	1	3	1				1							60-1	11	44	47	4333
≥9	16	3	5	11	5	3	3	1	2	2			2			1	144-1	54	241	247	4340
≥6	32	16	9	8	11	10	4	9	4	4	7	4			5	16	240-1	139	1012	1051	4347
≥3	38	22	12	8	11	6	5	9	8	7	5	3	5	4	4	61	1776-1	208	3306	3386	4858

HOURS DURATION OF EVENTS

48 — 23.5N 151.8W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28						1											36-1	1	6	6	4334
≥24	2							1									48-1	3	10	10	4334
≥20	1	1	2	3	1				1								54-1	9	35	35	4334
≥16	6	3	1	4	5	3		1	1	1		1					72-1	26	113	121	4334
≥12	15	13	13	18	13	8	3	3		2	1	4		1		3	132-1	97	457	479	4337
≥9	32	22	18	7	16	13	14	7	10	7	4	3	3	6	1	16	306-1	179	1232	1257	4365
≥6	38	16	10	13	6	12	8	8	7	13	11	2	8	6	6	56	708-1	220	2737	2872	4415
≥3	11	3	2	1		1	1	2	2	1	2		2	1		49	1530-1	78	4226	4812	5064

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28																					4334
≥24		1															12-1	1	2	2	4334
≥20	3	1	1	1		2											36-2	8	24	24	4334
≥16	7	4	3	2	1	2	1	1	1	2						1	102-1	25	110	110	4334
≥12	14	9	5	7	3	5	6	1	3	1	1	2	1	1	3	1	132-1	63	336	336	4336
≥9	56	17	15	7	8	10	9	6	3	5	4	2	5	1	2	11	282-1	161	879	884	4351
≥6	52	15	19	14	12	12	10	5	9	9	10	6	1	5	8	41	666-1	228	2217	2267	4417
≥3	13	7	3	1	3	3	6	4	1	1	2	1		3	2	57	SEA-1	107	3804	4215	4705

HOURS DURATION OF EVENTS

51 — 20.5N 177.1W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28																					4334
≥24																					4334
≥20	1		1														24-1	2	6	6	4334
≥16	3	3	2		3			1			2						54-2	14	55	55	4334
≥12	13	6	8	2	3	3	2	2	3	1					1	3	108-1	48	235	248	4339
≥9	20	16	13	12	10	4	4	5	5	5	3	3	1	2	2	12	318-1	117	806	835	4375
≥6	31	8	9	11	14	11	5	5	2	4	7	5	6	3	6	54	390-1	181	2215	2294	4462
≥3	20	3	3	7	3	3	1	1	1					3		60	SEA-1	112	3921	4814	5282

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40			1														18-1	1	3	3	4334
≥34						1											30-1	1	5	5	4334
≥28	2		2					1									48-1	6	18	18	4334
≥24	2	4	1			2			1								114-1	20	72	72	4334
≥20	9	4	1		2	1		1	1						1	2	138-1	52	224	224	4334
≥16	20	5	6	6	2		2	1	3	2					1	2	204-1	97	592	593	4334
≥12	20	13	13	6	7	5	7	3	3	5	3	2	1	2		7	402-1	138	1353	1372	4342
≥9	28	14	5	10	11	8	4	9	6	4	3	2	2	2	3	27	528-1	152	2188	2251	4344
≥6	35	16	10	3	6	3	2	3	5	6	7	3	4	1	1	47	1062-1	110	2825	3252	4380
≥3	9	6	8	3	8	4	4	2		1	2		2	4	1	49	SEA-1	68	3284	4190	4504

HOURS DURATION OF EVENTS

54 — 18.2N 168.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28			1														18-1	1	3	3	4333
≥24	1							1									48-1	3	13	13	4333
≥20	5		1	2		1					1						66-1	10	33	33	4333
≥16	8	5	4	2	1						1						90-1	27	111	111	4334
≥12	12	6	10	5	11	3	3	6		1	5			1	1	4	168-1	69	409	421	4343
≥9	30	12	12	12	9	6	3	4	2	5	3	6	2	3	1	18	246-1	129	997	1034	4386
≥6	28	13	11	14	8	4	3		8	3	5	2				46	966-1	171	2443	2524	4556
≥3	18	5	4	3	6	3	1		6	2	2		3	2		51	1746-1	106	4365	5166	5600

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4333
≥56																					4333
≥48																					4333
≥40																					4333
≥34																					4333
≥28																					4333
≥24																					4333
≥20																					4333
≥16																					4333
≥12	1	2															12-2	3	5	5	4333
≥9	19	3		3		4											48-1	37	86	88	4333
≥6	56	18	21	10	12	8	6	3	1	3	1	1	5	2	3	4	162-2	153	637	649	4350
≥3	57	34	20	10	12	7	8	9	11	5	7	5	3	4	2	49	2052-1	243	2873	3168	4829

HOURS DURATION OF EVENTS

57 — 14.9N 147.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28																					4334
≥24		1		1													24-1	2	6	6	4334
≥20	4	1		1					1								54-1	7	19	19	4334
≥16	10	5	2	1	3	1	2				1						66-1	25	76	76	4334
≥12	35	15	8	11	9	2	4	7	2	2		1	2	2		3	120-1	103	433	435	4334
≥9	35	13	19	10	14	4	10	8	5	4	5	2	3		3	25	342-1	160	1286	1314	4390
≥6	43	17	14	8	9	9	4	3	4	6	5	6	3	4	4	54	1110-1	193	3025	3126	4660
≥3	9	2	3			3	1	2			1	1	2			36	2148-1	60	4211	4969	5200

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28																					4334
≥24																					4334
≥20																					4334
≥16	1	2															12-2	3	5	5	4334
≥12	8	2	2	4	1	1		2									48-2	20	61	61	4334
≥9	25	14	15	7	6	3	5	3	3		4	1	1		1	6	234-1	94	488	490	4334
≥6	51	14	7	11	6	7	6	10	4	4	6	4	1	2	2	34	918-1	169	1774	2014	4453
≥3	27	8	5	5	4		3	2		1	2		2	2	2	35	SEA-2	98	3491	4282	4853

HOURS DURATION OF EVENTS

60 — 12.2N 112.6E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40			1														18-1	1	3	3	4334
≥34					1												30-1	1	5	5	4334
≥28	1			1		1		1									48-1	4	19	19	4334
≥24	5	4	3			1	1	1	1		1						66-1	17	63	63	4334
≥20	2	1	4	2	3	2			2	1		1	1			3	102-2	22	154	154	4334
≥16	4	5	4	7	1	5	1	1	2			2	1	1		8	234-1	42	355	366	4334
≥12	7	4	2	5	3	3	5	3	3	6	4	2	2	1	1	21	492-1	72	909	925	4334
≥9	6	6	4	5	3	6	5	5	1	4	3	5	3	4	1	36	528-1	97	1557	1604	4334
≥6	16	11	6	4	2	2	2	1	3	3	2	3		2	3	58	612-1	118	2486	2566	4334
≥3	10	5	1	2	2	2	1	2	1	1	1		2		2	44	1278-1	76	2853	3653	4407

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28			1														18-1	1	3	3	4334
≥24						1											36-1	1	6	6	4334
≥20		1			1		1	1		2							60-2	8	46	46	4334
≥16	3	3	5			1	3	2	2	1		1		2		3	108-1	26	187	194	4334
≥12	5	3	3	2	3	2	4	2	3	4	5	1	1	1	2	12	270-1	53	568	578	4334
≥9	6	5	3	5	3	3	4	3	4	6	2	1	4	3	4	26	306-1	82	1210	1251	4334
≥6	2	2	1	2	3	2	1	2	1	5	2	2	4	3	4	47	684-1	83	2123	2284	4335
≥3	2	2	3	1	4	1	2	1		2	3	1		1		44	1056-1	67	2642	3400	4388

HOURS DURATION OF EVENTS

63 — 2.1N 123.6E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4334
≥56																					4334
≥48																					4334
≥40																					4334
≥34																					4334
≥28																					4334
≥24																					4334
≥20																					4334
≥16	1					1	1				1						66-1	4	25	25	4334
≥12	2	5	2	6	3	2	1				1		1	1		2	126-1	[illegible]	153	153	4334
≥9	8	5	4	2	2	2	3	5	4		4	2	3	2	1	15	180-1	53	457	470	[illegible]
≥6	25	13	3	10	5	8	2	6	3	6	1	2	4	5	1	29	756-1	123	1483	1541	4377
≥3	8	4	3	1	6	1	2				1	1	1	3		47	1770-1	78	3707	4154	4575

HOURS DURATION OF EVENTS

2

1 — 64.0N 166.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34			1														18-1	1	3	3	4241
≥28				1													24-1	1	4	4	4241
≥24						1											36-1	2	6	6	4241
≥20	2	2	2						1								54-1	7	21	21	4241
≥16	7	3	3	3	1	1	1				1						66-1	20	63	63	4241
≥12	16	6	5		7	6	2	2	1	1	1	1	3				78-3	51	222	226	4241
≥9	38	14	11	12	7	8	7	5	6	3	2	2	3	1		4	168-1	121	576	579	4241
≥6	49	16	8	13	11	10	10	6	14	8	3	5	9	2	6	21	216-1	191	1385	1397	4247
≥3	34	17	6	13	9	3	10	6	10	6	3	5	5	4	3	57	1062-1	191	2580	2732	4261

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40	1																6-1	1	1	1	4241
≥34		2	1														18-1	3	7	7	4241
≥28	2	2	1		2												30-2	7	19	19	4241
≥24	4	2	2	6			2										42-2	16	52	52	4241
≥20	8	1	6	5	3	3	3	1	2								54-2	32	128	130	4241
≥16	3	9	10	10	5	4	7	3	5	3	1	1					72-1	61	311	316	4241
≥12	16	7	8	7	12	9	4	10	9	5	2	8	3			3	174-1	103	659	670	4241
≥9	16	8	8	12	16	6	8	8	9	8	11	3	3	4	4	13	336-1	137	1150	1187	4241
≥6	20	9	7	9	6	8	5	11	6	8	9	5	8	7	7	43	360-1	168	1925	1998	4241
≥3	12	6	3	4	7	3	4	5	2	4	3	2	5	5	9	63	1056-1	137	3091	3338	4334

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34		2		1													24-1	3	8	8	4241
≥28	4	3	1	2	2												30-2	12	31	31	4241
≥24	8	7	9	1	2	1	2	3									48-3	33	107	107	4241
≥20	5	2	9	9	6	5	5	2	4	1							60-1	48	229	229	4241
≥16	11	8	8	2	10	14	5	2	3	4	5	1		1			84-1	76	406	407	4241
≥12	11	9	12	11	6	10	7	12	10	7	6	3	3	5		5	162-1	117	815	824	4241
≥9	18	7	9	6	9	12	6	7	10	4	8	5	10	7	2	24	318-1	144	1370	1405	4241
≥6	11	16	9	7	10	6	9	7	6	4	7	4	4	5	1	54	624-1	160	2132	2293	4256
≥3	19	7	7	3	2	3	7	3	1	1	3	5	1	5	3	54	1584-1	124	3055	3569	4361

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1	3															12-3	4	7	7	4241
≥28			1	3	1												30-1	5	20	20	4241
≥24	7	1	2	4	1	5	1										42-1	21	73	73	4241
≥20	5	7	2	10	4	4	3	5						1		1	96-1	42	200	200	4241
≥16	11	11	7	6	5	9	8	11	6	3	3	2				4	108-1	86	509	513	4241
≥12	16	7	7	10	12	7	9	12	14	12	8	3	6	3		9	204-1	135	1040	1071	4241
≥9	10	3	14	10	5	6	8	17	8	7	6	9	5	2	8	29	444-1	147	1671	1725	4242
≥6	16	8	7	9	6	7		5	4	8	5	4	5	7	5	54	630-1	150	2490	2618	4255
≥3	9	6	4	4	1	2	5	4		2			3	1	2	54	1326-1	99	3102	3651	4293

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1		1														18-1	2	4	4	4241
≥28	5	2	1	1		1											36-1	10	22	22	4241
≥24	7	6	4	2	2	2	1										42-1	24	68	68	4241
≥20	8	5	6	12	8	2	3	2	1	1							60-1	48	192	192	4241
≥16	10	5	6	8	14	5	9	6	4	1	2	2				2	96-2	74	405	405	4241
≥12	19	11	14	11	5	6	11	5	5	9	5	2	5	2	1	8	198-1	119	788	796	4245
≥9	25	12	18	13	12	8	8	7	5	9	4	6	6	2	4	27	258-1	166	1423	1443	4257
≥6	16	8	4	9	10	10	5	1	8	9	2	10	5	6	3	47	534-1	153	2183	2319	4275
≥3	15	12	9	8	2	1	2	3	6	1	4	4	1	3	2	62	948-1	135	3093	3472	4351

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40	1																6-1	1	1	1	4241
≥34	4	4	1	1													24-1	10	19	19	4241
≥28	10	3	4	5		2	1										42-1	25	67	67	4241
≥24	6	7	4	9	5	3	3		1								54-1	38	141	141	4241
≥20	7	14	10	8	5	6	7	3	4	2	1						66-1	67	298	298	4241
≥16	14	11	10	15	14	11	4	7	3	6	4	2	1	2	1		90-1	105	557	559	4241
≥12	14	12	15	7	15	7	12	11	9	4	11	4	7	5	4	7	162-1	144	1049	1062	4241
≥9	19	13	8	9	9	13	15	5	9	7	4	8	6	4	7	33	240-1	169	1649	1711	4241
≥6	22	12	14	9	3	8	9	6	5	3	8	3	4	4	6	59	672-1	175	2500	2609	4309
≥3	13	4	3	3	4	3	4	2	5	2	3	2	8	1	1	58	1218-1	116	3436	3917	4494

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1	1															12-1	2	3	3	4241
≥28	3	2	6		1												30-1	12	30	30	4241
≥24	8	5	2	7	4	2											36-2	28	84	86	4241
≥20	4	5	7	7	8	5	4	5	4		1						66-1	50	248	251	4241
≥16	10	12	9	9	11	8	11	3	2	6	4	1		1	1	4	162-1	92	547	555	4241
≥12	13	11	16	7	6	7	7	14	12	7	4	6	2	7	1	15	318-1	135	1141	1201	4243
≥9	18	19	15	9	8	6	10	8	4	14	5	6	5	4	1	43	402-1	175	1952	2048	4245
≥6	12	8	5	9	8	6	6	3	2	4	8	6	3	3	3	61	726-1	147	2733	2988	4247
≥3	6	3		3	7	3	1	2	1	1		2	1	1	2	46	1416-1	79	3135	3879	4277

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40	1	1															12-1	2	3	3	4241
≥34	1	2	2	1	1	1											36-1	8	26	26	4241
≥28	3	3	6	2	5				2	1							54-1	22	85	85	4241
≥24	6	10	7	7	3	5	4		1		1	1					72-1	45	181	183	4241
≥20	17	11	20	8	8	7	6	8	4	1				2		1	96-1	93	409	414	4241
≥16	14	15	17	12	17	5	17	4	11	6	7	1	1		2	5	126-1	134	792	806	4241
≥12	16	4	21	14	9	14	10	8	13	8	10	5	6	2	1	21	330-1	162	1456	1498	4241
≥9	15	12	13	9	13	8	7	11	7	7	7	8	8	5	5	43	432-1	178	2116	2211	4243
≥6	10	5	6	4	5	9	8	9	9	6	6	7	3	5	4	60	714-1	156	2906	3180	4282
≥3	1	1	2	2	2			2	1	2	1	1		1	3	43	1524-1	62	3377	4150	4429

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48	1																6-1	1	1	1	4241
≥40			1		1												30-1	2	8	8	4241
≥34	2	1		1			2										42-2	6	22	23	4241
≥28	9	8	2	1	4			1		1							60-1	26	73	75	4241
≥24	8	10	10	9	1	2	3	2		2							60-2	47	168	171	4241
≥20	11	8	12	9	14	6	4	3	3	3	1	1	1				78-1	76	350	360	4241
≥16	13	20	8	6	7	11	9	14	5	3	3	3	3	1	1	4	174-1	111	673	695	4241
≥12	14	17	12	9	7	13	8	4	11	9	4	10	3	2	2	23	246-2	148	1281	1315	4246
≥9	23	15	14	7	16	5	12	7	11	2	9	9	6	7	4	33	396-1	160	1882	2025	4252
≥6	8	8	4	5	8	9	4	6	4	5	4	5	6	4	6	63	990-1	149	2691	2954	4262
≥3	6	5	1	2	4		4	1	2		2	3	1	2	2	48	1476-1	83	3065	3915	4356

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40		1	1														18-1	2	5	5	4241
≥34	3	2	2	2	1												30-1	10	26	26	4241
≥28	4	9	5	3	2	3	3	1									48-1	30	106	106	4241
≥24	11	9	11	6	8	6	2	1	3	1							60-1	58	221	221	4241
≥20	11	13	7	16	6	10	6	5	3	5		2	1				78-1	85	408	411	4241
≥16	10	16	18	13	13	6	11	7	9	5	4	3	1		3	4	204-1	123	736	742	4241
≥12	20	18	20	7	12	14	6	11	7	11	11	7	6	2	3	20	288-1	175	1367	1383	4251
≥9	14	14	10	7	10	5	12	11	8	9	7	9	5	5	6	39	402-1	171	2012	2089	4262
≥6	14	8	11	7	11	5	9	6	10	12	6	2	6	3	3	58	696-1	171	2847	3049	4284
≥3	4	2	3		1	5	1	1			1		2	1	2	49	1464-1	72	2951	4082	4399

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40	1		2														18-2	3	7	7	4241
≥34	2	2	1	1	2												30-2	8	23	23	4241
≥28	1	9	7	2	2	1	2		1								54-1	25	87	87	4241
≥24	[illegible]																[illegible]	[illegible]	181	181	4241
≥20	[illegible]																96-1	[illegible]	414	414	4241
≥16	[illegible]																132-1	143	763	763	4241
≥12	[illegible]																264-1	185	1424	1456	4241
≥9	[illegible]																528-1	187	2112	2178	4255
≥6	[illegible]																636-1	178	2774	3024	4267
≥3	[illegible]																1368-1	88	3377	4069	4442

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16	8																6-8	8	8	8	4241
≥12	18	6	4	4	3												30-3	35	73	73	4241
≥9	29	25	12	11	5	8	4	2	1	2							60-2	99	305	305	4241
≥6	37	38	29	16	18	14	12	4	4	3	7		7	1	2	4	132-1	196	915	926	4241
≥3	44	30	24	14	21	22	13	14	9	4	9	10	9	4	5	37	294-1	269	2127	2161	4246

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40	[illegible]																18-1	3	8	8	4241
≥34	[illegible]																18-2	[illegible]	8	8	4241
≥28	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]	4241
≥24	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]	4241
≥20	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]	4241
≥16	[illegible]																102-1	[illegible]	[illegible]	[illegible]	4241
≥12	[illegible]																144-1	141	788	774	4241
≥9	[illegible]																[illegible]	179	1440	1482	4241
≥6	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]	4241
≥3	[illegible]																[illegible]	92	[illegible]	[illegible]	4418

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40		1															12-1	1	2	2	4241
≥34	1	2			1												30-1	4	10	10	4241
≥28	2	3	2	1	1	2	1	1									48-1	13	50	50	4241
≥24	5	7	4	4	1	3	2	3	1								54-1	30	117	118	4241
≥20	15	12	7	2	9	6	3	2	2	2	2					1	96-1	63	262	265	4241
≥16	23	9	16	19	6	7	8	4	5	6	2	2		1		5	168-1	113	600	607	4241
≥12	15	17	14	14	17	12	11	9	11	7	11		3	4	5	17	264-1	167	1325	1354	4241
≥9	13	8	14	13	9	11	8	7	6	6	7	9	4	10	5	42	384-1	172	2135	2230	4268
≥6	10	8	9	6	3	6	2	2	6	5	8	7	4	2	5	56	672-1	139	2759	3182	4313
≥3	7	5	5	1	3	3	1	3	1	1		1	2	1	1	46	1326-1	81	2871	4015	4354

HOURS DURATION OF EVENTS

WAVE HEIGHT DURATIONS

2 59.4N 172.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40	1																6-1	1	1	1	4241
≥34		2	1														18-1	3	7	7	4241
≥28	2	2	1		2												30-2	7	19	19	4241
≥24	4	2	2	6			2										42-2	16	52	52	4241
≥20	8	1	6	5	3	3	3	1	2								54-2	32	128	130	4241
≥16	3	9	10	10	5	4	7	3	5	3	1	1					72-1	61	311	316	4241
≥12	16	7	8	7	12	9	4	10	9	5	2	8	3			3	174-1	103	659	670	4241
≥9	16	8	8	12	16	6	8	8	9	8	11	3	3	4	4	13	336-1	137	1150	1187	4241
≥6	20	9	7	9	6	8	5	11	6	8	9	5	8	7	7	43	360-1	168	1925	1998	4241
≥3	2	6	3	4	7	3	4	5	2	4	3	2	5	5	9	63	1056-1	137	3091	3338	4334

HOURS DURATION OF EVENTS

3 58.5N 151.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1		1														18-1	2	4	4	4241
≥28	3	2	1	2	2												30-2	10	28	28	4241
≥24	4	3	3	2	2	2	2										42-2	18	63	63	4241
≥20	5	6	2	4	2	5	3	1	1	2							60-2	31	137	137	4241
≥16	6	7	12	1	12	9	3	2	5	2	1	2		1			84-1	63	325	327	4241
≥12	9	15	8	14	6	10	10	14	6	7	5		4	1	2	4	138-1	115	742	752	4241
≥9	19	12	7	12	10	6	6	7	8	10	8	5	3	2	4	19	264-1	138	1189	1207	4241
≥6	23	10	9	10	10	13	3	12	4	7	6	6	5	4	7	42	282-1	171	1870	1954	4241
≥3	16	13	9	8	6	6	2	4	5	3	6	3	7	4	3	67	762-1	162	2830	3134	4254

HOURS DURATION OF EVENTS

5 56.8N 141.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1	3															12-3	4	7	7	4241
≥28			1	3	1												30-1	5	20	20	4241
≥24	7	1	2	4	1	5	1										42-1	21	73	73	4241
≥20	5	7	2	10	4	4	3	5						1		1	96-1	42	200	200	4241
≥16	11	11	7	6	5	9	8	11	6	3	3	2				4	108-1	86	509	513	4241
≥12	16	7	7	10	12	7	9	12	14	12	8	3	6	3		9	204-1	135	1040	1071	4241
≥9	10	3	14	10	5	6	8	17	8	7	6	9	5	2	8	29	444-1	147	1671	1725	4242
≥6	16	8	7	9	6	7		5	4	8	5	4	5	7	5	54	630-1	150	2490	2618	4255
≥3	9	6	4	4	1	2	5	4		2	2		3	1	2	54	1326-1	99	3102	3651	4293

HOURS DURATION OF EVENTS

6 54.9N 167.1W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	2	1															12-1	3	4	4	4241
≥28	2	3	5	2			1										42-1	13	38	39	4241
≥24	4	4	7	2	4	4			2								54-2	27	103	105	4241
≥20	6	9	11	5	6	6	2	3	1		2						66-2	51	212	217	4241
≥16	18	11	18	9	7	10	11	3	3	3	4					1	114-1	98	446	459	4241
≥12	18	10	11	12	14	7	12	9	13	11	6	4	1	5	2	7	132-1	142	968	992	4241
≥9	21	13	7	8	18	10	7	12	11	8	11	8	8	4	7	25	252-1	178	1585	1620	4242
≥6	16	4	12	7	15	11	5	5	7	4	8	3	10	3	1	68	474-1	179	2530	2626	4260
≥3	13	10	3	5	5	1	1	1	2	6	1	1	4	2	2	62	1194-1	119	3347	3765	4339

HOURS DURATION OF EVENTS

8 52.0N 172.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40	1																6-1	1	1	1	4241
≥34	4	4	1	1													24-1	10	19	19	4241
≥28	10	3	4	5		2	1										42-1	25	67	67	4241
≥24	6	7	4	9	5	3	3		1								54-1	38	141	141	4241
≥20	7	14	10	8	5	6	7	3	4	2	1						66-1	67	298	298	4241
≥16	14	11	10	15	14	11	4	7	3	6	4	2	1	2	1		90-1	105	557	559	4241
≥12	14	12	15	7	15	7	12	11	9	4	11	4	7	5	4	7	162-1	144	1049	1062	4241
≥9	19	13	8	9	9	13	15	5	9	7	4	8	6	4	7	33	240-1	169	1649	1711	4241
≥6	22	12	14	9	3	8	9	6	5	3	8	3	4	4	6	59	672-1	175	2500	2609	4309
≥3	13	4	3	3	4	3	4	2	5	2	3	2	8	1	1	58	1218-1	116	3436	3917	4494

HOURS DURATION OF EVENTS

9 51.7N 158.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40		1															12-1	1	2	2	4241
≥34		2	1														18-1	3	7	7	4241
≥28	3		7	4	1												30-1	15	45	45	4241
≥24	3	6	7	9	4												30-4	29	92	92	4241
≥20	10	3	8	11	7	7		4	1								54-1	51	202	202	4242
≥16	10	6	11	12	10	9	7	8	2	1	2	1	1		1	1	102-1	82	427	427	4247
≥12	15	10	9	14	15	13	13	7	11	6	1	4	3	3	2	7	162-1	133	882	883	4249
≥9	15	10	13	18	12	13	14	13	9	8	5	3	5	5	4	19	300-1	166	1397	1411	4257
≥6	18	18	10	9	10	7	9	8	8	7	13	7	8	4	8	41	420-1	185	2150	2231	4275
≥3	14	9	7	8	5	3	2	3	5	3	3	4	2	5	1	65	714-1	139	3208	3464	4370

HOURS DURATION OF EVENTS

11 51.3N 158.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40	1	1															12-1	2	3	3	4241
≥34	1	2	2	1	1	1											36-1	8	26	26	4241
≥28	3	3	6	2	5			2	1								54-1	22	85	85	4241
≥24	6	10	7	7	3	5	4			1	1	1					72-1	45	181	183	4241
≥20	17	11	20	8	8	7	6	8	4	1				2		1	96-1	93	409	414	4241
≥16	14	15	17	12	17	5	17	4	11	6	7	1	1		2	5	126-1	134	792	806	4241
≥12	16	4	21	14	9	14	10	8	13	8	10	5	6	2	1	21	330-1	162	1456	1498	4241
≥9	15	12	13	9	13	8	7	11	7	7	7	8	8	5	5	43	432-1	178	2116	2211	4243
≥6	10	5	6	4	5	9	8	9	9	6	6	7	3	5	4	60	714-1	156	2906	3180	4262
≥3	1	1	2	2	2			2	1	2	1	1		1	3	43	1524-1	62	3377	4150	4429

HOURS DURATION OF EVENTS

12 50.9N 145.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1		2														18-2	3	7	7	4241
≥28	5	8	4	3		1											36-1	21	51	51	4241
≥24	5	8	8	6	8	2	3	1	2								54-2	43	168	169	4241
≥20	4	8	11	8	12	8	8	4	3	1	3	1					72-1	71	363	373	4241
≥16	11	5	14	8	15	8	13	10	7	3	4	5	1	2	1	6	126-1	113	753	770	4241
≥12	11	14	12	13	9	13	5	10	10	20	12	7	3	1	2	24	402-1	166	1556	1595	4241
≥9	12	7	4	10	6	7	7	8	7	9	6	9	6	8	8	40	624-1	154	2263	2380	4242
≥6	12	8	4	3	4	6	4	7	2	4	5	6	1	7	6	60	1122-1	139	3031	3204	4248
≥3	5		2	1			2			1	3		2	1		45	1770-1	62	3086	4027	4324

HOURS DURATION OF EVENTS

14 49.3N 174.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40		1	1														18-1	2	5	5	4241
≥34	3	2	2	2	1												30-1	10	26	26	4241
≥28	4	9	5	3	2	3	3	1									48-1	30	106	106	4241
≥24	11	9	11	6	8	6	2	1	3	1							60-1	58	221	221	4241
≥20	11	13	7	16	6	10	6	5	3	5		2	1				78-1	85	408	411	4241
≥16	10	16	18	13	13	6	11	7	9	5	4	3	1		3	4	204-1	123	736	742	4241
≥12	20	18	20	7	12	14	6	11	7	11	11	7	6	2	3	20	288-1	175	1367	1383	4251
≥9	14	14	10	7	10	5	12	11	8	9	7	9	5	5	6	39	402-1	171	2012	2089	4262
≥6	14	8	11	7	11	5	9	6	10	12	6	2	6	3	3	58	696-1	171	2847	3049	4284
≥3	4	2	3		1	5	1	1			1		2	1	2	49	1464-1	72	2951	4082	4399

HOURS DURATION OF EVENTS

15 49.0N 128.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28		2		2													24-2	4	12	12	4241
≥24	4	4	1	1	1	2											36-2	13	36	36	4241
≥20	5	5	3	5	2	1	1	2					1				78-1	25	96	107	4241
≥16	5	5	5	4	9	8	4	3	1	5	1					1	96-1	51	277	289	4241
≥12	9	5	16	8	6	4	11	7	6	4	3	3	3		3	8	192-1	96	706	763	4243
≥9	12	13	12	8	9	8	7	8	3	7	3	2	6	6	3	31	396-1	138	1420	1515	4246
≥6	18	9	12	8	4	4	9	6	7	6	5	4	2	3	4	57	672-1	158	2501	2680	4252
≥3	6	10	3	4	1		1		2	3	1	2	2	3		45	1428-1	83	3070	3838	4316

HOURS DURATION OF EVENTS

17 45.8N 139.3E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16	8																6-8	8	8	8	4241
≥12	18	6	4	4	3												30-3	35	73	73	4241
≥9	29	25	12	11	5	8	4	2	1	2							60-2	99	305	305	4241
≥6	37	38	29	16	18	14	12	4	4	3	7		7	1	2	4	132-1	196	915	926	4241
≥3	44	30	24	14	21	22	13	14	9	4	9	10	9	4	5	37	294-1	269	2127	2161	4246

HOURS DURATION OF EVENTS

18 45.6N 144.2W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34		1															12-1	1	2	2	4241
≥28	3	4	2		1	1											36-1	11	28	28	4241
≥24	4	9	7		4		4		1								54-1	29	100	105	4241
≥20	8	9	10	5	11	6	3	3	2	1			1				78-1	59	253	260	4241
≥16	11	6	12	13	13	12	7	9	5	4	1	2	1	2	1	4	120-1	103	617	626	4241
≥12	12	10	12	16	9	10	9	9	11	5	4	10	4	3	3	15	318-1	142	1227	1283	4241
≥9	15	10	7	12	10	9	5	8	11	8	5	6	4	5	7	38	504-1	160	1964	2129	4242
≥6	16	5	4	6	5	2	5	5	4	2	3	8	3	3	7	53	1128-1	131	2807	3112	4262
≥3	8	6	2	2	1	1		2	1	2	1			3		44	1530-1	73	3013	4069	4437

HOURS DURATION OF EVENTS

20 44.2N 152.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40		1															12-1	1	2	2	4241
≥34	1	2			1												30-1	4	10	10	4241
≥28	2	3	2	1	1	2	1	1									48-1	13	50	50	4241
≥24	5	7	4	4	1	3	2	3	1								54-1	30	117	118	4241
≥20	15	12	7	2	9	6	3	2	2	2	2					1	96-1	63	262	265	4241
≥16	23	9	16	19	6	7	8	4	5	6	2	2		1		5	168-1	113	600	607	4241
≥12	15	17	14	14	17	12	11	9	11	7	11		3	4	5	17	264-1	167	1325	1354	4241
≥9	13	8	14	13	9	11	8	7	6	6	7	9	4	10	5	42	384-1	172	2135	2230	4266
≥6	10	8	9	6	3	6	2	2	6	5	8	7	4	2	5	56	672-1	139	2759	3162	4313
≥3	7	5	5	1	3	3	1	3	1	1		1	2	1	1	46	1326-1	81	2871	4015	4354

HOURS DURATION OF EVENTS

21 43.7N 128.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1																6-1	1	1	1	4241
≥28		1	1		1												30-1	3	10	10	4241
≥24	4	2	2	1		1											36-1	10	24	24	4241
≥20	3	2	1	3	1	1	1	2	1								54-1	15	65	74	4241
≥16	8	3	5	6	3	4	3			1	2	2					72-2	37	169	186	4241
≥12	13	7	6	4	4	7	7	2	4	5	6		2	3		2	126-1	72	446	461	4250
≥9	26	12	19	10	9	5	9	9	6	3	8	6	3	2	4	17	270-1	148	1093	1164	4257
≥6	24	11	14	13	3	11	13	9	6	7	6	3	5	6	3	47	360-1	179	2166	2304	[illegible]
≥3	20	4	8	3	5	5	1	4	4	3	4	3	1	4		57	822-1	126	3345	3814	4400

HOURS DURATION OF EVENTS

WAVE HEIGHT DURATIONS (Cont'd)

22 — 42.8N 167.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40	1			1													24-1	2	5	5	4241
≥34	2		1		1												30-1	4	10	10	4241
≥28	10	4	3	1	1		1										42-1	20	43	46	4241
≥24	9	5	6	6	6	3	2										42-2	37	123	130	4241
≥20	9	7	7	13	5	7	9	1	3	1		1					72-1	63	283	293	4241
≥16	19	9	17	8	6	8	11	5	12	7	1	3	1	1		2	126-2	110	609	628	4241
≥12	22	20	18	13	21	11	7	8	14	6	6	3	1	3	2	21	294-2	176	1350	1378	4245
≥9	20	7	18	8	14	6	12	9	5	8	9	9	5	9	4	41	390-1	184	2096	2233	4251
≥6	16	13	8	6	6	2	8	3	3	5	4	5	2	6	4	70	900-1	161	2985	3233	4296
≥3	8	3			1	2	1		1		1	1	2		2	34	1692-1	56	3184	4257	4547

HOURS DURATION OF EVENTS

23 — 42.4N 172.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56		1															12-1	1	2	2	4241
≥48				1													24-1	1	4	4	4241
≥40		1	1				1										42-1	3	12	12	4241
≥34		2	1	1		1		1									48-1	6	25	25	4241
≥28	2	1	2	2		2	1				1						66-1	11	48	48	4241
≥24	9	10	5	2	1	1	1	2			1			1			84-1	33	110	110	4241
≥20	19	15	9	8	7	3	3	3	1	3	1				1		90-1	73	271	271	4241
≥16	19	21	21	19	17	6	8	2	4	2	2		2	2	2	2	114-1	129	590	599	4241
≥12	17	16	16	16	16	17	15	8	12	7	5	4	6		2	15	222-1	172	1226	1268	4241
≥9	29	14	16	13	12	13	15	11	10	12	8	7	6	4	2	34	264-1	206	1822	1947	4246
≥6	21	16	13	12	15	12	9	6	13	7	2	4	7	6	6	64	798-1	213	2755	2913	4257
≥3	6	2	2	6	3	7	1	2	1	1		3	3	2	2	60	1188-1	101	3484	4000	4358

HOURS DURATION OF EVENTS

25 — 40.2N 131.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16	1																6-1	1	1	1	4241
≥12	1	2	1														18-1	4	8	8	4241
≥9	9	5	3	2	5												30-5	24	61	61	4241
≥6	26	19	13	13	8	7	6	2	3	2		1					72-1	100	354	354	4242
≥3	77	41	33	22	15	12	14	10	5	4	7	5	3	6	3	12	150-1	269	1299	1330	4252

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1	2	1	1													24-1	5	12	12	4241
≥28	1	2	1	2	2	1											36-1	9	32	32	4241
≥24	4	5	4		3	1	2										42-2	19	61	63	4241
≥20	5	4	6	6	3	1	2	4									48-4	31	122	125	4241
≥16	23	18	12	8	5	5	3	5	3	1		1	1				78-1	85	305	315	4241
≥12	23	22	18	19	14	9	14	7	4	5	1	3	1	1	2	5	168-1	148	772	789	4241
≥9	21	21	17	23	17	15	16	12	9	15	6	5	5	7	4	15	264-1	208	1497	1523	4245
≥6	23	15	8	11	8	15	11	8	10	11	7	6	5	7	10	56	276-1	211	2408	2497	4251
≥3	17	6	5	4	6	6	4	1	6	4	4	1	6	3	1	58	1578-1	132	3286	3678	4310

HOURS DURATION OF EVENTS

28 — 36.1N 123.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20	4	2			1												30-1	7	13	13	4241
≥16	19	13	8	2	3	3	1										42-1	49	117	118	4241
≥12	57	31	16	4	5	9	5	6	5	5	2	3	1	1			84-1	150	525	528	4241
≥9	57	32	27	9	13	11	15	7	10	3	8	9	4	13	5	20	228-1	243	1569	1619	4264
≥6	30	19	10	1		6	5	6	4	3	4	4	4	5	3	72	570-1	176	2876	3153	4411
≥3	8	8	1	1						1	1			2	1	40	1866-2	63	3999	5249	5544

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28	1	2	1														18-1	4	8	8	4241
≥24	2		1	2	2												30-2	7	23	23	4241
≥20	3	1	2	1	2	1	1										42-1	11	38	45	4241
≥16	1	8	6	4	1	4	1	2	1								54-1	28	112	119	4241
≥12	19	6	8	15	7	5	4	2	4	3	3	1				2	96-2	79	367	378	4241
≥9	32	14	10	15	12	12	8	9	7	3	4	5	3	5	3	6	138-1	148	875	897	4241
≥6	36	17	24	17	16	8	6	12	12	7	9	10	7	7	2	36	582-1	226	1927	1987	4245
≥3	26	13	6	6	4	6	6	7	7	1	5	5	2	1		63	1158-1	158	3282	3534	4280

HOURS DURATION OF EVENTS

31 — 35.6N 155.2W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28	1																6-1	1	1	1	4241
≥24	2		4														18-4	6	14	14	4241
≥20	1	1	1	1	1	2	1			1							60-1	9	44	44	4241
≥16	9	5	2	2	1	4	1	4	1					1			84-1	30	124	124	4241
≥12	15	9	8	11	4	4	3	2	1	3	5		1		1	3	144-1	70	366	367	4241
≥9	32	13	8	16	11	6	8	3	6	3	3	4	2	2	2	14	168-2	133	864	903	4241
≥6	28	17	19	17	16	11	4	6	5	7	5		3	7	5	36	312-1	186	1716	1898	4243
≥3	20	10	7	10	2	4	4	6	4	4	7	2	1	2	4	61	948-1	148	3007	3323	4248

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1																6-1	1	1	1	4241
≥28	3			1													24-1	4	7	7	4241
≥24		1	2		2												30-2	5	18	18	4241
≥20	1			1	2	1	1							1			84-1	7	42	42	4241
≥16		2		2				4		1	1					1	96-1	11	81	81	4241
≥12	7	9	3	3		2	1	2				1		1		3	168-1	32	174	181	4241
≥9	19	19	11	8	11	4	3	4	4	2			2	1		5	240-1	93	478	487	4241
≥6	21	16	12	12	17	11	6	9	8	1	6	6	4	3	2	14	312-1	148	1142	1198	4241
≥3	26	17	19	13	6	6	8	6	5	4	8	4	3	9	6	52	588-1	192	2494	2647	4279

HOURS DURATION OF EVENTS

34 — 34.2N 155.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28	1	1															12-1	2	3	3	4241
≥24		2	2			1											36-1	5	16	16	4241
≥20	1		2	1	2	1	1			1							60-1	9	44	44	4241
≥16	2	5	1	1	1		3	2	3				1				78-1	19	101	104	4241
≥12	14	11	10	6	2	1	4	4	4	2	1	1			2	1	96-1	63	291	301	4241
≥9	26	22	14	21	9	13	12	7	5	4	2	1	2	2		6	174-1	146	758	777	4241
≥6	25	11	19	13	14	11	19	8	14	9	7	6	2	2	8	34	240-1	202	1807	1853	4247
≥3	14	12	5	10	2	1	6	7	2	7	11	4	6	3	6	68	696-1	164	3146	3417	4343

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1																6-1	1	1	1	4241
≥28			1	1													24-1	2	7	7	4241
≥24		1			1	1											36-1	3	13	13	4241
≥20	3	1		1	1	1	2										42-2	9	34	34	4241
≥16	13	4	4	2		4	2		1			1					72-1	31	100	102	4241
≥12	13	7	12	7	2	3	4	3	2	2			5	1	1		90-1	62	303	311	4241
≥9	16	28	10	16	16	10	9	6	4	2	3	1	1	2	3	9	144-1	136	767	776	4241
≥6	36	18	18	19	16	18	19	13	9	7	11	6	3	3	2	30	222-1	228	1747	1790	4247
≥3	20	13	13	5	6	3	2	5	4	6	6	9	2	3	7	64	798-1	168	3151	3390	4291

HOURS DURATION OF EVENTS

37 — 32.9N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20	1																6-1	1	1	1	4241
≥16	2			1													24-1	3	6	6	4241
≥12	29	6	6	1	1												30-1	43	68	68	4241
≥9	75	23	15	4	15	8	6	2	2	1	1						66-1	152	402	402	4241
≥6	86	52	31	12	11	12	20	2	7	5	6	5	3	6	5	13	228-1	276	1360	1413	4261
≥3	56	27	23	6	4	9	8	3	2	5	5	2	5	7	6	63	1290-1	231	3127	3443	4495

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20	1																6-1	1	1	1	4241
≥16		4	4					1									48-1	9	28	28	4241
≥12	13	7	7	2	2	4	11	2	2	3	1					1	96-1	55	258	259	4241
≥9	16	9	7	8	10	5	13	6	4	3	2	4	3	7	3	9	126-2	109	782	847	4253
≥6	28	11	11	2	10	7	12	9	9	2	6	5	6	7	3	46	294-1	176	1964	2155	4299
≥3	11	7	2	1	3	3		1		2	1	4		4	1	57	1008-1	97	3341	3799	4468

HOURS DURATION OF EVENTS

40 — 29.6N 165.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20		2		1													24-	3	8	8	4241
≥16			1	1	1												30-	5	18	18	4241
≥12	7	1	1	3	3		3		1								54-	19	69	80	4241
≥9	19	12	5	4	4	3	5	3	5	2	1			1		3	150-	63	298	301	4241
≥6	38	10	14	11	11	7	6	7	8	2	1	5	6	3	4	13	282-	142	1010	1047	4241
≥3	21	18	18	12	7	6	3	6	5	2	6	5	1	7	3	48	906-	178	2865	2921	4258

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16		1		1													24-1	2	6	6	4241
≥12	8	5	3	3			1		2								54-2	22	64	64	4243
≥9	16	11	18	10	3	4	4	4	4	1	1	1	1			1	114-1	79	332	332	4251
≥6	29	27	12	15	16	10	10	11	11	7	3	2	8	3	3	8	186-1	175	1058	1092	4253
≥3	28	13	9	9	11	13	8	9	10	6	10	6	3	12	3	65	354-2	215	2757	2877	4345

HOURS DURATION OF EVENTS

23 42.4N 172.1E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56		1															12-1	1	2	2	4241
≥48				1													24-1	1	4	4	4241
≥40		1	1				1										42-1	3	12	12	4241
≥34		2	1	1		1		1									48-1	6	25	25	4241
≥28	2	1	2	2		2	1				1						66-1	11	48	48	4241
≥24	9	10	5	2	1	1	1	2		1				1			84-1	33	110	110	4241
≥20	9	15	9	8	7	3	3	3	1	3	1				1		90-1	73	271	271	4241
≥16	19	21	21	19	17	6	8	2	4	2	2		2	2	2	2	114-1	129	590	599	4241
≥12	17	16	16	16	16	17	15	8	12	7	5	4	6		2	15	222-1	172	1226	1268	4241
≥9	29	14	16	13	12	13	15	11	10	12	8	7	6	4	2	34	264-1	206	1822	1947	4246
≥6	21	16	13	12	15	12	9	6	13	7	2	4	7	6	6	64	798-1	213	2755	2913	4257
≥3	6	2	2	6	3	4	1	2	1	1		3	3	2	2	60	1188-1	101	3484	4000	4358

HOURS DURATION OF EVENTS

24 41.0N 134.9W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28	1																6-1	1	1	1	4241
≥24	1	2	2														18-2	5	11	11	4241
≥20	6	2	5	4		2											36-2	19	53	53	4241
≥16	7	5	8	2	5	2	3	4	2		1					1	132-1	40	190	199	4241
≥12	13	8	10	6	7	3	2	5	3	6	3	1	2	1	2	4	162-2	76	484	521	4241
≥9	15	11	23	8	10	8	9	6		3	2	6	4	4	1	16	276-1	128	1018	1098	4241
≥6	15	11	14	7	8	13	6	9	8	6	11	4	2	7	3	37	606-1	161	1943	2150	4300
≥3	14	7	5	3	6	5	4	2		3	3	2	6	2	2	58	930-1	122	3004	3511	4350

HOURS DURATION OF EVENTS

26 39.5N 153.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1	2	1	1													24-1	5	12	12	4241
≥28	1	2	1	2	2	1											36-1	9	32	32	4241
≥24	4	5	4		3	1	2										42-2	19	61	63	4241
≥20	5	4	6	6	3	1	2	4									48-4	31	122	125	4241
≥16	23	18	12	8	5	5	3	5	3	1		1	1				78-1	85	305	315	4241
≥12	23	22	18	19	14	9	14	7	4	5	1	3	1	1	2	5	168-1	148	772	789	4241
≥9	21	21	17	23	17	15	16	12	9	15	6	5	5	7	4	15	264-1	208	1492	1523	4245
≥6	23	15	8	11	8	15	11	8	10	11	7	6	5	4	10	56	276-1	211	2408	2497	4251
≥3	17	6	5	4	6	6	4	1	6	4	4	1	6	3	1	58	1578-1	132	3286	3678	4310

HOURS DURATION OF EVENTS

27 36.2N 127.4W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24		1															12-1	1	2	2	4241
≥20	4		1	2													24-2	7	15	15	4241
≥16	8	9	1	3	1	4	2	2		1							60-1	31	110	110	4247
≥12	24	7	12	7	7	5	7	5	5	3	6	2	2	1	1	1	114-1	95	495	495	4252
≥9	19	13	12	9	7	9	8	6	12	6	4	6	6	1	2	25	186-1	145	1201	1262	4268
≥6	20	9	6	2	5	6	6	2	7	6	6	5	5	1	3	66	456-1	155	2426	2629	4313
≥3	11	5	3	2	3	1	1	1				1		3	2	58	1494-1	91	3698	4389	4846

HOURS DURATION OF EVENTS

29 35.9N 171.0W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28	1	2	1														18-1	4	8	8	4241
≥24	2		1	2	2												30-2	7	23	23	4241
≥20	3	1	2	1	2	1	1										42-1	11	38	45	4241
≥16	1	8	6	4	1	4	1	2	1								54-1	28	112	119	4241
≥12	19	6	8	15	7	5	4	2	4	3	3	1				2	96-2	79	367	378	4241
≥9	32	14	10	15	12	12	8	9	7	3	4	5	3	5	3	6	138-1	148	875	897	4241
≥6	36	17	24	17	16	8	6	12	12	7	9	10	7	7	2	36	582-1	226	1927	1987	4245
≥3	26	13	6	6	4	6	6	7	7	1	5	5	2	1		63	1158-1	158	3282	3534	4280

HOURS DURATION OF EVENTS

30 35.7N 176.1E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1																6-1	1	1	1	4241
≥28	2			1													24-1	3	6	6	4241
≥24	3	1		2	1												30-1	7	18	18	4241
≥20	1		3	1	1	1		1									48-1	8	33	33	4241
≥16	12	5	3	1	3	1	1	1	1								54-1	28	80	80	4241
≥12	16	12	5	10	8	4	4	4		1	2	1	1	1		1	168-1	70	318	318	4241
≥9	22	17	9	18	13	13	7	8	3	7	4		4	2	2	8	186-1	137	824	831	4243
≥6	35	17	18	13	18	12	9	7	13	14	7	3	13	5	3	31	198-1	218	1804	1859	4250
≥3	18	7	7	12	5	6	8	9	4	4	5	3	3	1	6	66	678-1	164	3045	3434	4297

HOURS DURATION OF EVENTS

32 35.4N 142.0W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1																6-1	1	1	1	4241
≥28	3			1													24-1	4	7	7	4241
≥24		1	2		2												30-2	5	18	18	4241
≥20	1			1	2	1	1							1			84-1	7	42	42	4241
≥16		2		2				4		1	1					1	96-1	11	81	81	4241
≥12	7	9	3	3		2	1	2				1		1		3	168-1	32	174	181	4241
≥9	19	19	11	8	11	4	3	4	4	2			2	1		5	240-1	93	478	487	4241
≥6	21	16	12	12	17	11	6	9	8	1	6	6	4	3	2	14	312-1	148	1142	1198	4241
≥3	26	17	19	13	6	6	8	6	5	4	8	4	3	9	6	52	588-1	192	2494	2647	4279

HOURS DURATION OF EVENTS

33 34.6N 145.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28	1																6-1	1	1	1	4241
≥24		1															12-1	1	2	2	4241
≥20	1	3		1													24-1	5	11	11	4241
≥16	7	4	3	3	2	1			1								54-1	21	61	64	4241
≥12	13	12	6	14	10	1	4		1	1		1	1	1			84-1	65	253	262	4241
≥9	21	17	21	13	12	17	11	5	8	2	4	1	3	1	1	4	138-1	141	743	756	4246
≥6	24	17	17	21	11	15	16	10	11	11	11	5	3	5	1	29	276-1	207	1680	1718	4270
≥3	24	12	8	12	2	6	4	8	7	2		8	2	9	10	74	696-1	188	3025	3220	4317

HOURS DURATION OF EVENTS

35 34.2N 163.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34	1																6-1	1	1	1	4241
≥28			1	1													24-1	2	7	7	4241
≥24		1			1	1											36-1	3	13	13	4241
≥20	3	1		1	1	1	2										42-2	9	34	34	4241
≥16	13	4	4	2		4	2		1			1					72-1	31	100	102	4241
≥12	13	7	12	7	2	3	4	3	2	2			5	1	1		90-1	62	303	311	4241
≥9	16	28	10	16	16	10	9	6	4	2	3	1	1	2	3	9	144-1	136	767	776	4241
≥6	36	18	18	19	16	18	19	11	9	7	11	6	3	3	2	30	222-1	228	1747	1790	4247
≥3	20	13	13	5	6	3	2	5	4	6	6	9	2	3	7	64	798-[illegible]	168	3151	3390	4291

HOURS DURATION OF EVENTS

36 33.7N 123.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4240
≥56																					4240
≥48																					4240
≥40																					4240
≥34																					4240
≥28																					4240
≥24																					4240
≥20																					4240
≥16	1	1															12-1	2	3	3	4240
≥12	4	1	2			1											36-1	8	18	18	4240
≥9	13	11	6	2	5	1			1								54-1	39	101	101	4240
≥6	26	19	22	18	9	10	2	5	3	1	1	1		1		1	102-1	119	452	452	4254
≥3	59	36	29	13	20	22	9	13	10	12	9	7	5	4	9	11	180-1	268	1554	1576	4272

HOURS DURATION OF EVENTS

38 31.5N 127.7W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20	1																6-1	1	1	1	4241
≥16		4	4					1									48-1	9	28	28	4241
≥12	13	7	7	2	2	4	11	2	2	3	1					1	96-1	55	258	259	4241
≥9	16	9	7	8	10	5	13	6	4	3	2	4	3	7	3	9	126-2	109	782	847	4253
≥6	28	11	13	2	10	7	12	9	9	2	6	5	6	7	3	46	294-1	176	1984	2155	4299
≥3	11	7	2	1	3	3		1		2	1	4		4	1	57	1008-1	97	3341	3799	4468

HOURS DURATION OF EVENTS

39 29.9N 177.3W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28				1													24-1	1	4	4	4241
≥24						1											36-1	1	6	6	4241
≥20		2							1								54-1	3	13	13	4241
≥16	4	1	1	1												1	102-1	8	30	30	4241
≥12	5	2	2	5	1		2		1					1		1	114-1	20	98	105	4241
≥9	18	5	7	4	5	4	4		2	2		2	1		1	3	144-1	58	293	316	4241
≥6	28	15	11	13	7	7	6	10	8	7	7	2		3		15	330-1	139	882	1025	4241
≥3	17	17	9	4	16	7	6	2	5	4	3	7	5		4	56	708-1	162	2669	2814	4256

HOURS DURATION OF EVENTS

41 29.4N 134.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16		1		1													24-1	2	6	6	4241
≥12	8	5	1	1					2								54-2	22	64	64	4243
≥9	16	11	18	10	3	4	4	4	4	4		1	1	1		1	114-1	79	332	332	4251
≥6	29	27	12	15	16	10	10	11	11	7	3	2	8	3	3	8	186-1	175	1050	1092	4253
≥3	28	13	9	9	11	13	8	9	10	6	10	6	3	12	3	65	354-2	215	2757	2877	4345

HOURS DURATION OF EVENTS

42 28.6N 139.2W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24	1	1															12-[illegible]	2	3	3	[illegible]
≥20	1												1				[illegible]	3	11	11	[illegible]
≥16		2			2	1	1									1	[illegible]	3	43	43	[illegible]
≥12	3	4	2	3	1	1	1	2								1	[illegible]	19	[illegible]	[illegible]	[illegible]
≥9	17	7	4	3	6	6	4	3	3	3	1					2	[illegible]	60	307	[illegible]	[illegible]
≥6	11	10	12	5	7	8	10	7	6	6	2	3	8	5	2	13	[illegible]	161	1118	1122	[illegible]
≥3	27	12	9	14	4	2	4	3	2	6	4	5	3	2		65	612-1	162	[illegible]	[illegible]	4327

HOURS DURATION OF EVENTS

2

SPRING

WAVE HEIG

43 — 28.2N 125.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4240
≥56																					4240
≥48																					4240
≥40																					4240
≥34																					4240
≥28																					4240
≥24																					4240
≥20																					4240
≥16	2		1														18-1	3	5	5	4240
≥12	4	1	1	3		1											36-1	10	27	27	4240
≥9	8	6	8	3	2	5	1		1								54-1	34	112	112	4245
≥6	29	22	9	8	10	12	12	5	1	2	2	2	1	2	2		90-2	119	524	524	4249
≥3	44	28	18	12	7	12	15	13	9	13	8	6	10	3	3	31	300-1	232	1824	1842	4287

HOURS DURATION OF EVENTS

44 — 27.9N 150.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16	2	2		2		1											36-1	7	20	20	4241
≥12	6	1	4	1	3			3	1		1						66-1	20	83	83	4241
≥9	15	8	3	3	5	1	3	1		2	1	3	1	1		2	168-1	49	252	261	4241
≥6	32	14	12	13	9	9	9	4	5	1	5	2		4	1	15	228-1	135	885	919	4247
≥3	28	18	22	8	6	8	7	11	8	3	7	4	3	3	5	52	978-1	193	2608	2729	4315

HOURS DURATION OF EVENTS

46 — 26.1N 170.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20			1														18-1	1	3	3	4241
≥16	1	1	1							1							60-1	4	16	16	4241
≥12		1	3	2	1			2			1			1		1	108-1	12	83	83	4241
≥9	13	7	4	5	3	1		3	4	2		1				3	120-1	46	226	226	4241
≥6	16	13	10	4	4	4	9	4	2	3	1	5	2	1	1	21	288-1	100	947	956	4241
≥3	38	23	12	9	5	5	7	3	7	6	3	6	3	2	3	43	750-1	175	2500	2577	4351

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16			1	1													24-1	2	7	7	4244
≥12	2	2	2	1	1	1				1							60-1	10	37	37	4245
≥9	12	7	3	3	4	6	2	3	3	3	3	4					72-4	53	279	298	4249
≥6	37	11	6	12	12	5	3	10	6	9	6	5	2	5	2	39	486-1	170	1734	1861	4268
≥3	15	2	3	3	2	1	3		1	2	1	3		2		42	1698-1	80	2965	4391	4838

HOURS DURATION OF EVENTS

49 — 22.6N 128.0E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20	1	2	1														18-1	4	8	8	4241
≥16			1	1	1	1		1									48-1	5	26	26	4241
≥12	4	2	2	1	2		1	3				2					72-2	17	83	83	4241
≥9	8	7	1	3	3	3	1		1	3	1		2			4	162-1	37	248	248	4251
≥6	15	17	9	9	9	4	4	2	5	4		3	2	3	2	18	318-1	106	922	922	4284
≥3	38	28	20	5	6	10	8	7	3	4	6	10	4	6	4	43	708-1	202	2618	2688	4343

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16	1																6-1	1	1	1	4241
≥12	6	4		2	1												30-1	13	27	27	4241
≥9	29	9	7	2	3	2	2		2		2		1			1	114-1	60	189	189	4241
≥6	46	12	11	7	5	5	5	3	2	2	3		2	2	3	13	486-1	121	823	868	4242
≥3	59	17	15	13	13	8	8	3	4	3	4	2	3	1	3	32	1902-1	188	2353	3009	4699

HOURS DURATION OF EVENTS

52 — 19.2N 127.8W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20		1															12-1	1	2	2	4241
≥16	5	1	2			1											36-1	9	19	19	4241
≥12	13	7	3	2	1	1		2	1				1			1	96-1	32	109	109	4241
≥9	18	10	6	9	7	6	2	2	1	5	1		1	1		4	150-1	73	377	398	4249
≥6	70	34	12	15	14	9	5	8	3	5	4	4	9	2	7	26	684-1	227	1636	1795	4271
≥3	14	7	3	3	5	1	2	4	1		3	1	3			39	1698-1	86	3470	4358	4703

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28		1															12-1	1	2	2	4241
≥24		2															12-2	2	4	4	4241
≥20	3		2	1	1												30-1	7	18	18	4241
≥16	4	4	1		2	2				1							60-1	14	47	47	4241
≥12	8	7	4	1	4	2		3	1	1		1					72-1	32	125	125	4241
≥9	19	4	6	3	7	2	2	2	2	3	1	1	1	1	1	3	132-1	58	303	303	4242
≥6	50	21	15	14	9	6	5		5	1	2	3		2	3	16	264-1	152	855	855	4257
≥3	46	22	18	10	7	7	6	3	2		3	2	1	2	2	47	666-1	178	2155	2259	4308

HOURS DURATION OF EVENTS

55 — 17.6N 138.5E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4240
≥56																					4240
≥48																					4240
≥40																					4240
≥34																				1	4240
≥28																				3	4240
≥24																				4	4240
≥20	3																6-3	3	3	8	4240
≥16	2	1	1	3	1												30-1	8	24	35	4240
≥12	8	2	3	3	1		1	4	1	2						1	96-1	26	122	137	4240
≥9	18	9	7	6	5	7	4	3	1	3		1	1	1	2	5	204-1	73	431	450	4241
≥6	40	7	9	7	3	3	4	5	2	2	9	4	3	2	4	25	654-1	129	1316	1384	4244
≥3	28	10	5	5	3	5	3	6	4	1	1	2		2	3	44	1128-1	120	2361	2948	4317

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24	1																6-1	1	1	1	4241
≥20	2					1											36-1	3	8	8	4241
≥16	2	1		1			1										42-1	5	15	15	4241
≥12	1	1	2	1			1				1						66-1	7	31	31	4241
≥9	9	1	1	1		1	2						1			1	96-1	17	67	67	4244
≥6	33	18	12	3	3	2	5	3	3	1	1	1	1		2	5	138-1	93	408	416	4248
≥3	46	25	18	10	10	6	4	11	6	2	5	3	2	4	2	36	1326-1	190	2241	2481	4249

HOURS DURATION OF EVENTS

58 — 14.5N 127.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28				1													24-1	1	4	4	4241
≥24						1											36-1	1	6	6	4241
≥20		2		1						1							60-1	4	18	18	4241
≥16						1					1	1					72-1	3	29	29	4241
≥12	2	3	2		1		1			1			1		1		90-1	12	64	64	4241
≥9	8	6	5	5	6	3	1	2		1		1		1		3	120-1	42	216	216	4241
≥6	20	10	4		5	8	11	3	5	3	3	2				17	306-1	91	759	761	4246
≥3	35	20	13	6	2	4	11	1	1	5	4	2	6	3	3	36	756-1	152	2068	2290	4276

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20			1														18-1	1	3	3	4241
≥16	1		1	1													24-1	3	8	8	4241
≥12	1	3	2			1		1					1				78-1	9	40	40	4241
≥9	6	7	1	4	1	3	1	1		1		1	2	1		2	120-1	31	177	179	4241
≥6	35	22	16	8	9	5	8	4	4	2		4	6	1	1	20	756-1	145	1174	1359	4250
≥3	24	4	10	4	2	2	7	1	1	2	1	1	1		2	36	[illegible]-1	98	3350	4301	[illegible]

HOURS DURATION OF EVENTS

61 — 12.0N 156.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20	2	1															12-1	3	4	4	4241
≥16	5			1	1	1				1							60-1	5	26	26	4241
≥12	5	2	3	1		2		1				3		1		1	102-[illegible]	19	109	109	4241
≥9	13	8	9	3	5	5	2	3	3	2	2			2	3	3	240-[illegible]	63	397	398	4241
≥6	38	9	12	3	10	5	4	6	2	3	2	3	3	1		22	660-[illegible]	119	1317	1439	4241
≥3	22	5	4	2	4	5	2	1		5	1	1	1	1		43	[illegible]	97	2992	3789	4450

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16																					4241
≥12			1														18-1	1	3	3	4241
≥9	1	2					1										42-1	4	12	12	4241
≥6	2		2		1	2	1		2			1				1	[illegible]-1	12	78	78	4241
≥3	6	3	6	3	1	4		1	1	1	3	1	1	1	1	8	162-1	41	354	354	4241

HOURS DURATION OF EVENTS

WAVE HEIGHT DURATIONS (Cont'd)

44 — 27.9N 150.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16	2	2		2		1											36-1	7	20	20	4241
≥12	6	1	4	1	3			3	1		1						66-1	20	83	83	4241
≥9	15	8	3	3	5	1	3	1		2	1	3	1	1		2	168-1	49	252	261	4241
≥6	32	14	12	13	9	9	9	4	5	1	5	2		4	1	15	228-1	135	885	919	4247
≥3	28	18	22	8	6	8	7	11	8	3	7	4	3	3	5	52	978-1	193	2608	2729	4315

HOURS DURATION OF EVENTS

45 — 27.8N 145.6W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20	1	2	1														18-1	4	8	8	4241
≥16	6	1	3	4				1									48-1	15	41	41	4241
≥12	5	2	1	1	6	1	2	2	1	1				1		1	156-1	24	141	141	4241
≥9	12	7	9	2	4	10	5	4	1	3	3	2			1	4	264-1	67	438	439	4241
≥6	28	12	9	11	3	8	8	8	5	3	4	4	3		4	27	336-1	137	1280	1287	4241
≥3	29	23	15	5	4	10	3	8	3	2	4	4	3	2	2	55	1014-1	172	2973	3065	4306

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16			1	1													24-1	2	7	7	4244
≥12	2	2	2	1	1	1				1							60-1	10	37	37	4245
≥9	12	7	3	3	4	6	2	3	3	3	3	4					72-4	53	279	298	4249
≥6	37	11	6	12	12	5	3	10	6	9	6	5	2	5	2	39	486-1	170	1734	1861	4268
≥3	15	2	3	3	2	1	3		1	2	1	3		2		42	1698-1	80	2965	4391	4838

HOURS DURATION OF EVENTS

48 — 23.5N 151.8W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24	1																6-1	1	1	1	4241
≥20			2		1												30-1	3	11	11	4241
≥16				1		1	1										42-1	3	17	17	4241
≥12	3		4	4	1			2	1								54-1	15	61	61	4241
≥9	11	9	2		4	2	6	2	2	5	2	1		1	2		90-2	49	271	271	4241
≥6	36	14	7	9	4	4	6	4	3	4	4	3	6	3	3	18	564-1	128	1192	1266	4250
≥3	33	12	10	4	2	6	5	1	5	4	4	2	1		2	49	816-1	140	2778	3437	4449

HOURS DURATION OF EVENTS

50 — 21 [illegible] 162.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16	1																6-1	1	1	1	4241
≥12	6	4		2	1												30-1	13	27	27	4241
≥9	29	9	7	2	3	2	2		2		2		1			1	114-1	60	189	189	4241
≥6	46	12	11	7	5	5	5	3	2	2	3		2	2	3	13	486-1	121	823	868	4242
≥3	59	17	15	13	13	8	8	3	4	3	4	2	3	1	3	32	1902-1	188	2353	3009	4699

HOURS DURATION OF EVENTS

51 — 20.5N 177.1W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16	2	1															12-1	3	4	4	4241
≥12	4	1	2	2	2	2		2									48-2	15	58	59	4241
≥9	8	1	2	2	1	3		3	4	1	1	1	2	1	1	3	246-1	34	283	287	4241
≥6	31	9	7	8	7	2	7		4	4	4	3	2	2	1	24	564-1	115	1288	1317	4252
≥3	35	7	10	5	7	4	5	2		2	2	2	1	2	3	43	1110-1	130	2597	3423	4519

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28		1															12-1	1	2	2	4241
≥24		2															12-2	2	4	4	4241
≥20	3		2	1	1												30-1	7	18	18	4241
≥16	4	4	1		2	2				1							60-1	14	47	47	4241
≥12	8	7	4	1	4	2		3	1	1		1					72-1	32	125	125	4241
≥9	19	4	6	3	7	2	2	2	2	3	1	1	1	1	1	3	132-1	58	303	303	4242
≥6	50	21	15	14	9	6	5		5	1	2	3		2	3	16	264-1	152	855	855	4257
≥3	46	22	18	10	7	7	6	3	2		3	2	1	2	2	47	666-1	178	2155	2259	4308

HOURS DURATION OF EVENTS

54 — 18.2N 168.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20	1																6-1	1	1	1	4241
≥16	5		1	2		1											36-1	9	22	22	4241
≥12	8	3	2	2	3	1	3	2		1						2	126-1	27	135	135	4241
≥9	23	11	5	8	3	2	4	4	2			1	4	2	2	9	288-1	80	544	561	4241
≥6	37	10	10	10	8	5	7	5	4	3	3	2	1	3	2	30	714-1	140	1512	1734	4247
≥3	16	8	4	3	6	3	4		2		1	2		2	1	38	1518-1	90	2608	3640	4400

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4240
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24	1																6-1	1	1	1	4241
≥20	2					1											36-1	3	8	8	4241
≥16	2	1		1			1										42-1	5	15	15	4241
≥12	1	1	2	1			1				1						66-1	7	31	31	4241
≥9	9	1	1	1		1	2						1			1	96-1	17	67	67	4244
≥6	33	18	12	3	3	2	5	3	3	1	1	1	1		2	5	138-1	93	408	416	4248
≥3	46	25	18	10	10	6	4	11	6	2	5	3	2	4	2	36	1326-1	190	2241	2481	4249

HOURS DURATION OF EVENTS

57 — 14.9N 147.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28							1										42-1	1	7	7	4241
≥24									1								54-1	1	9	9	4241
≥20	2	1	1								1						66-1	5	18	18	4241
≥16	2	2	3	1	1						1					1	102-1	11	52	52	4241
≥12	9	7	3	1	1	4	1	1	3				1			2	120-1	33	156	156	4241
≥9	24	7	16	4	7	3	2	1	3	1	4		2		3	6	174-2	83	464	471	4241
≥6	44	15	14	16	7	6	7	4	1	1	2	3	1	1		23	810-1	145	1353	1473	4243
≥3	29	14	10	2	2	4	3	3	2	4	2	3	4	2	3	49	1080-1	136	2734	3313	4332

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20			1														18-1	1	3	3	4241
≥16	1		1	1													24-1	3	8	8	4241
≥12	1	3	2			1		1					1				78-1	9	40	40	4241
≥9	6	7	1	4	1	3	1	1		1		1	2	1		2	120-1	31	177	179	4241
≥6	35	22	16	8	9	5	8	4	4	2		4	6	1	1	20	756-1	145	1174	1359	4250
≥3	24	4	10	4	2	2	1	1	1	2	1	1	1		2	36	SEA-1	98	3350	4301	4751

HOURS DURATION OF EVENTS

60 — 12.2N 112.6E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20				1													24-1	1	4	4	4241
≥16				1													24-1	1	4	4	4241
≥12	4	1					1										42-1	6	13	13	4241
≥9	4	3	2	1	2	2	1		1	2							60-2	18	78	78	4241
≥6	12	5	3	2	2	1	2	2			2	1	2	2	1	4	126-1	41	259	259	4241
≥3	38	24	7	9	4	5	2	8	1	4	2	1	1	2		26	438-1	134	1132	1140	4322

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16																					4241
≥12			1														18-1	1	3	3	4241
≥9	1	2					1										42-1	4	12	12	4241
≥6	2		2		1	2	1		2			1				1	96-1	12	78	78	4241
≥3	6	3	6	3	1	4		1	1	1	3	1	1	1	1	8	162-1	41	354	354	4241

HOURS DURATION OF EVENTS

63 — 2.1N 123.6E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4241
≥56																					4241
≥48																					4241
≥40																					4241
≥34																					4241
≥28																					4241
≥24																					4241
≥20																					4241
≥16																					4241
≥12		1															12-1	1	2	2	4241
≥9	3		1	1		1		1									48-1	7	24	24	4241
≥6	7	6	1		1	2		2	2	1		1	1	1	1	2	252-1	28	202	202	4241
≥3	26	18	15	11	5	5	2	4	1		3	2	3	1	1	25	534-1	123	1325	1381	4241

HOURS DURATION OF EVENTS

4

WAVE HEIGHT DURATIONS

1 — 64.0N 166.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28	1																6-1	1	1	1	4100
≥24			1														18-1	1	3	3	4100
≥20	1	2		1													24-1	4	9	9	4100
≥16	1	2	1			1		1		1							60-1	7	32	32	4103
≥12	8	3	3	2	2	1	2	1	1			1				1	114-1	25	109	109	4104
≥9	24	4	4	7	4	3	1	1	1	2	1	2	2	1		4	150-1	61	307	307	4109
≥6	42	8	15	8	10	4	6	3	3	4	1	2	3	2	2	16	222-1	129	824	851	4125
≥3	35	17	20	9	11	12	14	4	9	2	11	7	4	3	5	39	372-1	202	2115	2312	4226

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24	2	3	1														18-1	6	11	11	4100
≥20		3	4	2		1	2										42-2	12	46	46	4100
≥16	6	4	5	2	3	1	3	1	2		1				1		90-1	29	131	131	4106
≥12	11	5	8	7	10	9	8	4	2	2	1				1	2	108-2	70	365	365	4114
≥9	11	4	10	6	3	5	10	8	8	4	5	4	4	3	2	9	132-2	96	758	760	4128
≥6	22	13	13	5	14	12	9	8	11	6	6	6	3	2	6	30	348-1	166	1578	1639	4209
≥3	21	16	9	13	10	6	7	1	2	3	4	4	2	7	4	58	888-1	167	2815	3271	4434

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28	1																6-1	1	1	1	4100
≥24			3														18-3	3	9	9	4100
≥20	6	1	2	1		1	1			1							60-1	13	41	41	4102
≥16	9	8	3	4	4	2	2	1	2					2			84-2	37	150	150	4120
≥12	12	7	8	5	8	6	5	7	3	3	4	1	1			4	126-1	76	457	458	4136
≥9	18	8	11	6	11	5	9	9	4	2	4	5	5	2	1	14	240-1	114	872	877	4163
≥6	22	17	7	10	11	10	10	9	4	1	8	3	12	4	5	40	378-1	173	1788	1878	4239
≥3	19	8	8	6	13	2	2	5	4	6	5	2	8	3	2	64	750-1	157	3005	3434	4433

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34			1														18-1	1	3	3	4100
≥28	2				1												30-1	3	7	7	4100
≥24	2	1	4	2			1										42-1	10	31	34	4100
≥20	4	1	3	4	3		3	1									48-1	19	75	79	4100
≥16	1	4	1	2	4	2	5	3	2	2	1						66-1	27	160	173	4100
≥12	7	4	6	2	5	7	3	3	2	2	5	2	1	2	1	1	96-1	53	342	397	4113
≥9	13	12	8	7	9	10	3	3	9	2	6	2	5	1		14	276-1	104	808	911	4178
≥6	14	8	8	7	9	7	5	15	4	6	7		7	6	4	39	552-1	146	1822	1972	4313
≥3	11	8	4	1	5	5		3	4	4	3	5	2	3	1	61	1026-1	120	2857	3572	4583

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24	1																6-1	1	1	1	4100
≥20		2	3						1								54-1	6	22	22	4108
≥16	3	3	5	5	1	2	1					1					72-1	21	80	80	4110
≥12	12	7	3	5	6	4	6	4	1	1	1				1	1	96-1	52	244	244	4114
≥9	14	12	11	6	8	2	8	8	4	8	1	3	3	2	1	2	162-1	93	555	557	4121
≥6	24	20	20	14	15	9	11	11	5	4	9	4	6	2	4	21	270-1	179	1370	1411	4186
≥3	31	12	4	9	3	10	12	4	4	5	3	8	4	7	3	60	SEA-1	181	2866	3374	4798

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34	1																6-1	1	1	1	4100
≥28		1	2														18-2	3	8	8	4100
≥24	1	3			2												30-2	6	17	17	4100
≥20	8	1	5	2	1	1				1			1				78-1	20	67	67	4110
≥16	8	9	6	5	7	2	2	2	3	1				1		1	96-1	47	208	208	4117
≥12	16	12	9	11	11	5	9	3	4	6	2	1	3	1		4	156-1	97	545	551	4130
≥9	17	17	7	11	11	13	7	17	4	7	6	5	2	4	5	9	186-1	142	1012	1041	4147
≥6	20	7	9	9	13	14	3	14	3	5	12	8	7	4	1	47	300-1	176	1950	2030	4209
≥3	22	11	4	4	3	7	5	5	6	6	4	4	2	6	2	69	SEA-1	160	3372	3681	4575

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28		1	1														18-1	2	5	5	4100
≥24	1	1	1	3													24-3	6	18	19	4100
≥20	4	4	3	2	1	2	1										42-1	17	53	56	4100
≥16	2	5	4	4	3	3	3	2	1	1			1				78-1	29	142	160	4101
≥12	11	3	7	3	7	9	4	7	3	2	2	2	2	1	1	2	156-1	66	415	460	4118
≥9	10	10	6	7	6	7	7	7	9	5	4	4	4	1		18	180-3	105	921	974	4137
≥6	18	9	11	8	9	8	8	4	2	6		5	4	3	5	49	390-1	149	1952	2077	4323
≥3	30	8	7	4	5	5	2	3	3	2	4	1	1	4	2	57	SEA-1	138	3552	3972	4959

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28	2	2			1	1											36-1	6	17	19	4100
≥24	2	4	1	1	2	1		1									48-1	12	41	47	4100
≥20	4	4	5	4	1	1	3		2								54-2	24	93	106	4103
≥16	12	10	7	4	7	6	4	4	4	1		1		1			84-1	61	272	291	4106
≥12	14	13	15	13	11	9	6	9	4	4	5	5	1	2	2	8	126-2	121	772	811	4126
≥9	16	14	4	6	9	9	12	7	5	7	8	9	5	6	6	26	240-1	149	1449	1525	4181
≥6	12	8	13	8	9	14	6	4	10	7	5	8	5	5	7	56	882-1	177	2678	2821	4448
≥3	9	3	4	2			2	2	1	2			1	1	2	61	SEA-2	90	3830	4649	5169

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28	3	2															12-2	5	7	7	4100
≥24	2	2	1	3		1											36-1	9	27	31	4100
≥20	12	8	5	5	1	1	1	2									48-2	35	97	102	4100
≥16	10	10	4	8	7	7	2	2	1	4	2		1		1	1	102-1	60	297	312	4109
≥12	14	8	15	7	7	8	6	4	9	5	2	2	5		1	11	156-1	104	726	748	4140
≥9	22	14	11	13	11	7	4	10	12	4	7	6	7	6	6	21	240-1	161	1407	1455	4210
≥6	13	10	8	7	9	8	9	13	6	7	4	6	9	6	4	55	498-1	174	2545	2697	4347
≥3	5	4	4	1	3	5			2	2		2	2	1	1	69	SEA-3	101	4299	4902	5406

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34	1	1															12-1	2	3	3	4100
≥28	1			1	1												30-1	3	10	10	4100
≥24	6	4	1	1	1	1											36-1	14	32	32	4100
≥20	4	6	2	4	5	3								1	1		90-1	26	110	110	4111
≥16	14	8	8	9	7	5	3	5		3		1			1	1	96-1	65	289	289	4114
≥12	16	16	11	12	9	9	8	5	7	5	3	3	1	2	2	6	162-1	115	701	712	4135
≥9	15	15	7	16	11	11	8	7	8	10	9	6		3	2	21	192-1	149	1230	1302	4150
≥6	31	14	8	7	13	13	12	9	7	6	9	10	11	4	5	42	402-1	201	2174	2270	4196
≥3	11	14	6	1	3	4	5	5	2	3	4	2	3	5	1	64	SEA-2	133	3664	4728	5417

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28	1	2		1													24-1	4	9	9	4100
≥24	1	1	1	2	1			1									48-1	7	27	27	4100
≥20	6			1	2	2		1			1						66-1	13	51	51	4101
≥16	16		4	5	2		1		2	2	1	1					72-	34	126	126	4103
≥12	9	14	7	16	7	7	4	3	1	3	1	1			6	1	108-1	80	421	423	4106
≥9	18	14	19	19	14	10	10	5	7	2	2	1	2	2	3	16	132-2	144	931	934	4115
≥6	35	10	20	14	10	13	12	8	13	6	6	10	6	3	4	35	252-1	204	1855	1922	4157
≥3	19	8	9	9	3	11	5	5	6	9	3	2	4	7	5	61	1242-1	166	3142	3657	4515

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4099
≥56																					4099
≥48																					4099
≥40																					4099
≥34																					4099
≥28																					4099
≥24																					4099
≥20																					4099
≥16																					4099
≥12	3	1	1														18-1	5	8	8	4099
≥9	7	3	3	1	1	2							1				78-1	18	56	56	4099
≥6	30	16	16	6	4	4		2		2	2			1		1	96-1	84	266	270	4100
≥3	44	28	23	21	18	21	10	12	5	2	5	2	4	5	4	9	168-1	213	1150	1179	4136

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28	2	1		1							1						66-	5	19	19	4110
≥24	1	2	3			1						1					72-	8	32	32	4111
≥20	1	3	3	2	1	2	1		1				1				78-1	13	64	64	4112
≥16	11	11	7	4	6	2	4	1	1				1			2	114-1	50	208	208	4117
≥12	23	15	13	6	9	8	9	6	7	3	3	2	1	1		5	138-	111	592	601	4130
≥9	28	16	13	14	10	10	12	11	9	2	9	9	7	7	3	12	276-	172	1262	1287	4137
≥6	18	18	18	9	3	10	10	12	5	12	5	8	7	3	6	52	540-1	195	2287	2374	4217
≥3	10	4	2	5	4	3		4	3	1	2	3	2	2	3	73	1038-	121	3381	3757	4458

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24	2	1	3														18-3	6	13	13	4100
≥20	5	6		1	4	1											36-1	17	47	54	4100
≥16	10	8	9	10	5	3	3	2	1								54-1	51	182	195	4100
≥12	15	10	6	3	11	10	8	8	5	6	4	2	1	2	1	1	108-1	93	547	564	4104
≥9	12	11	6	11	9	6	5	7	10	7	5	2	4	3	4	21	234-1	123	1106	1165	4128
≥6	20	12	11	6	7	6	5	6	5	5	3	4	3	4	3	47	654-1	147	2048	2179	4325
≥3	7	12	3	10	2	2	1	3	3	2	3		2	3	3	55	SEA-1	111	2863	4135	5068

HOURS DURATION OF EVENTS

SUMMER

2 — 59.4N 172.0W

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34																					4100
>28																					4100
>24	2	3	1														18- 1	6	11	11	4100
>20		3	4	2		1	2										42- 2	12	46	46	4100
>16	6	4	5	2	3	1	3	1	2		1				1		90- 1	29	131	131	4106
>12	11	5	8	7	10	9	8	4	2	2	1				1	2	108- 2	70	365	365	4114
>9	11	4	10	6	3	5	10	8	8	4	5	4	4	3	2	9	132- 2	96	758	760	4128
>6	22	13	13	5	14	12	9	8	11	6	6	6	3	2	6	30	348- 1	166	1578	1639	4209
>3	21	16	9	13	10	6	7	1	2	3	4	4	2	7	4	58	888- 1	167	2815	3271	4434

HOURS DURATION OF EVENTS

3 — 58.5N 151.6W

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34	1																6- 1	1	1	1	4100
>28		1	1		1												24- 1	2	7	7	4100
>24	2		1	1	1												30- 1	5	14	14	4100
>20	1	2	4	2		2	2										42- 2	12	51	51	4100
>16	3	3	9	5	2	4	2	3	1	4							66- 1	30	148	151	4100
>12	5	3	5	10	4	2	8	5	4	4	1		1	1		5	204- 1	58	407	413	4107
>9	14	3	7	4	8	5	7	4	6	5	5	4	3	1		10	228- 1	86	689	724	4109
>6	14	10	7	10	8	10	5	9	6	7	6	6	2	3	4	23	432- 1	130	1263	1351	4144
>3	23	18	11	13	6	9	4	7	8	9	8	6	2	6	4	50	540- 1	184	2217	2513	4184

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34			1														18- 1	1	3	3	4100
>28	2				1												30- 1	3	7	7	4100
>24	2	1	4	2			1										42- 1	10	31	34	4100
>20	4	1	3	4	3		3	1									48- 1	19	75	79	4100
>16	1	4	1	2	4	2	5	3	2	2	1						66- 1	27	160	173	4100
>12	7	4	6	2	5	7	3	3	2	2	5	2	1	2	1	1	96- 1	53	342	397	4113
>9	13	12	8	7	9	10	3	3	9	2	6	2	5	1		14	276- 1	104	808	911	4178
>6	14	8	8	7	9	7	5	15	4	6	7		7	6	4	39	552- 1	146	1822	1972	4313
>3	11	8	4	1	5	5		3	4	4	3	5	2	3	1	61	1026- 1	120	2857	3572	4583

HOURS DURATION OF EVENTS

6 — 54.9N 167.1W

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34																					4100
>28		2	1														18- 1	3	7	7	4100
>24	2	1	3		2												30- 2	8	21	21	4100
>20	6	5	5			2	2										42- 2	23	72	73	4100
>16	12	6	9	4	7	5	1	1	4	2							60- 2	51	203	209	4111
>12	17	4	9	10	12	10	5	6	6	2	2	3	2	1		5	114- 1	94	552	568	4120
>9	16	5	18	7	8	10	10	7	10	7	7	8	5	3	2	14	258- 1	137	1124	1167	4160
>6	17	11	13	11	8	12	5	5	7	7	5	5	10	11	9	42	414- 1	178	2094	2186	4260
>3	13	13	3	5	5	3	1	2	2	4	2	1	1	3	2	66	SEA- 1	131	3761	4230	5004

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34	1																6- 1	1	1	1	4100
>28		1	2														18- 2	3	8	8	4100
>24	1	3			2												30- 2	6	17	17	4100
>20	8	1	5	2	1	1				1			1				78- 1	20	67	67	4110
>16	8	9	6	5	7	2	2	2	3	1				1		1	96- 1	47	208	208	4117
>12	16	12	9	11	11	5	9	3	4	6	2	1	3	1		4	156- 1	97	545	551	4130
>9	17	17	7	11	11	13	7	17	4	7	6	5	2	4	5	9	186- 1	142	1012	1041	4147
>6	20	7	9	9	13	14	3	14	3	5	12	8	7	4	1	47	300- 1	176	1950	2030	4209
>3	22	11	4	4	3	2	5	5	6	6	4	4	2	6	2	69	SEA- 1	160	3372	3681	4575

HOURS DURATION OF EVENTS

9 — 51.7N 158.8E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34	1																6- 1	1	1	1	4100
>28		2															12- 2	3	5	5	4100
>24	1		2														24- 2	4	12	12	4100
>20	6	2	1	1	1												78- 1	12	28	28	4100
>16	4	1	2	7	2	2	3										42- 3	21	83	83	4100
>12	9	5	5	2	3	7	4	2	2	3							108- 1	45	234	234	4103
>9	13	6	9	8	9	10	3	6	8	6	2	1	1	1	3	5	132- 1	91	590	601	4112
>6	18	7	16	4	14	5	12	9	6	9	8	5	1	1	4	18	240- 1	170	1358	1457	4194
>3	28	19	13	8	3	7	6	2	3	6	9	6	2	5	4	60	516- 1	174	2569	2918	4325

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34																					4100
>28	2	2			1	1											36- 1	6	17	19	4100
>24	2	4	1	1	2	1		1									48- 1	12	41	47	4100
>20	4	3	5	4	1	1	3	1	2								54- 2	24	93	106	4103
>16	12	10	7	4	7	6	4	4	4	1							84- 1	61	272	291	4106
>12	14	3	15	13	11	9	6	9	4	5	5	1		2	2	8	126- 2	121	772	811	4126
>9	16	14	4	8	9	9	7	2	7	6	8	9	5	6	9	26	240- 1	149	1449	1525	4181
>6	12	8	13	8	2	14	6	4	10	7	5	8	5	5	7	56	888- 1	177	2578	2851	4448
>3	9	3	4	2			2	2	1	2					2	61	SEA- 2	90	3830	4649	5169

HOURS DURATION OF EVENTS

12 — 50.9N 145.6W

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34																					4100
>28	2	1															12- 1	3	4	4	4100
>24	1	6	4	1													24- 1	12	29	32	4100
>20	2	4	5	5	3	5											36- 5	24	90	98	4100
>16	7	6	9	3	2	3	4	5	5	1	1						66- 1	46	220	231	4102
>12	18	8	7	9	7	5	8	3	4	4	4	3	2	4	1	6	132- 1	93	597	629	4115
>9	20	7		11	15	10	15	9	8	8	3	4	7	2	4	20	294- 1	150	1290	1352	4177
>6	17	5	14	8	2	7	4	8	9	8	5	3	2	8	6	59	846- 1	160	2667	2748	4445
>3	4	5	5	4			3	3	6		4		2	3		49	SEA- 1	88	3368	4264	4922

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34	1	1															17- 1	2	3	3	4100
>28	1		1	1													30- 1	3	10	10	4100
>24	6	4	1	1	1	1											36- 1	14	32	32	4100
>20	4	6	2	4	5	3									1	1	90- 1	26	110	110	4111
>16	14	8	8	9	7	5	3	5		3							96- 1	65	289	289	4114
>12	16	16	11	12	9	9	8	7	7	7	3	1	2	2	2	6	162- 1	115	701	712	4135
>9	12	5	7	16	11	11	8	7	8	10	6	8			3	21	186- 1	143	1230	1302	4196
>6	31	14	8	7	13	13	12	9	7	6	9	10	11	4	5	42	432- 1	201	2374	2570	4332
>3	11	14	6	1	1	3	4	5	5	2	3	4	2	3	5	64	SEA- 2	133	3664	4728	5417

HOURS DURATION OF EVENTS

15 — 49.0N 128.4W

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34																					4100
>28																					4100
>24																					4100
>20	1		2														24- 2	3	9	9	4100
>16		6	3	1	1	2	1										42- 1	14	49	49	4100
>12	3	6	4	4	2	2	2		3								96- 1	32	181	185	4100
>9	12	5	6	9	4	4	5	4	5	2	2	5	2		1	1	174- 1	65	486	534	4106
>6	24	19	5	8	11	7	4	9	8	5	1	1	1	2	3	28	306- 1	133	1267	1344	4130
>3	38	8	6	5	6	9	2	3	5	3	1	1	6	1		59	528- 1	153	2616	3033	4351

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4099
>56																					4099
>48																					4099
>40																					4099
>34																					4099
>28																					4099
>24																					4099
>20																					4099
>16																					4099
>12	3	1	1														18- 1	5	8	8	4099
>9	3	3	3	1	1	2											18- 1	18	39	56	4099
>6	30	16	16	6	4	4										1	96- 1	84	246	270	4099
>3	44	28	23	21	18	2	1	10	12	5	2	5	2	4	5	9	168- 1	213	1150	1179	4138

HOURS DURATION OF EVENTS

18 — 45.6N 144.2W

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34																					4100
>28																					4100
>24	1		1														18- 1	2	5	5	4100
>20	6	4		2	1		2										42- 2	15	41	41	4100
>16	3	6	10	7		1											78- 1	31	154	161	4101
>12	14	6	3	1	8	2	3	2	5	2	2	2	2	1		2	90- 1	71	413	450	4106
>9	12	8	7	8	9	16	6	6	6	4	2	2			4	[illegible]	198- 1	104	881	961	4159
>6	17	8	12	3	6	6	3	3	6	3	4	8	1	5	6	43	702- 1	134	1872	1973	4281
>3	15	6	3	6	3	4	3	3	2	2	2	2	1	3	5	50	1854- 1	110	3205	4082	5099

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34																					4100
>28																					4100
>24	2	1	1														18- 3	6	13	13	4100
>20	5	6			4												[illegible]	17	47	54	4100
>16	10	6	9	10	5	1											[illegible]	37	182	185	4100
>12	15	10	6	8	11	10	6	8	5	5	4	2	1	2		2	[illegible]	81	547	564	4100
>9	15	10	6	11	9	6	5	8	10	5	3	3	3	4	4	21	[illegible]	123	1106	1185	4129
>6	30	12	12	8	11	7	6	5	7	4	3	4	3	4	3	47	642-	147	2248	2376	4326
>3	7	12	3	1	10	2	7	6	5	3	3	2	4	3	3	55	SEA-	111	2963	4138	5068

HOURS DURATION OF EVENTS

21 — 43.7N 128.7W

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																					4100
>56																					4100
>48																					4100
>40																					4100
>34																					4100
>28																					4100
>24																					4100
>20	2	1															12-	3	4	4	4100
>16			2														36-	5	18	18	4100
>12	1	1	4	1	2	2	2		1								[illegible]	20	48	63	4100
>9	23	13	5	5	4	5	3	2	4	2	5	4	2			4	[illegible]	82	448	480	4113
>6	28	10	12	8	9	7	4	11	4	2	3	4	2	3	2	27	[illegible]	144	1478	1572	4147
>3	23	11	7	5	8	4	7	3	3	2	1	3	1	1	1	56	770-	138	2695	3260	4561

HOURS DURATION OF EVENTS

2

22 42.8N 167.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24	1	1															12-1	2	3	3	4100
≥20	1	5	6	1		1											36-1	14	39	39	4100
≥16	8	5	6	5	7	2	2	2							1		90-1	38	148	154	4100
≥12	10	11	12	11	9	7	6	7	1	4	3	2	2		2	2	120-2	89	499	514	4104
≥9	13	12	17	10	9	8	5	8	7	7	5	3	3	6	4	13	198-1	130	1003	1050	4112
≥6	14	10	11	7	10	11	5	8	8	6	3	12	6	5	6	42	414-1	164	2038	2146	4238
≥3	16	5	4	2	5	4	6	2		3	5	3	3	4	1	64	1062-1	127	3011	3834	4653

HOURS DURATION OF EVENTS

23 42.4N 172.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34	1	1															12-1	2	3	3	4101
≥28		1	1		1												30-1	3	10	10	4103
≥24	1	1	1		1					1							60-1	5	21	21	4107
≥20	1	3		2			1					1					72-1	8	34	34	4108
≥16	6	6	6	3	3		1	2	1		1		1	1			84-1	31	133	133	4109
≥12	15	10	7	4	5	7	5	3	6	2		1	3	1	1	1	96-1	71	368	368	4110
≥9	18	12	14	12	12	5	10	6	7	3	7	4	5	2	3	9	162-1	129	872	877	4139
≥6	23	18	12	13	13	15	9	14	11	8	6	2	5	8	7	31	372-1	195	1735	1774	4162
≥3	18	21	7	8	6	10	9	4	4	5	4	4	6	2	3	62	594-1	173	2954	3395	4358

HOURS DURATION OF EVENTS

25 40.2N 131.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20		1															12-1	1	2	2	4100
≥16					1												30-1	1	5	5	4100
≥12	2	1							1								54-1	4	13	13	4100
≥9	5	3		2		3						1					72-1	14	49	49	4100
≥6	14	3	6	2	2	6	2	3	1			1		2		1	96-1	43	195	195	4101
≥3	41	21	11	13	7	12	6	4	3	4	2	3		1	2	10	198-1	140	732	781	4104

HOURS DURATION OF EVENTS

26 39.5N 153.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28		1															12-1	1	2	2	4100
≥24	3			1													24-1	4	7	7	4100
≥20	1	3	1	1	1												30-1	7	19	19	4100
≥16	2		1	4	1	1		1	2								54-2	12	58	58	4100
≥12	6	4	2	5	1	1	1	2	1	2	3	1		1			84-1	30	162	167	4100
≥9	10	13	6	10	5	4	4	1	6		3	1	2	1		5	168-1	71	424	443	4109
≥6	34	22	15	21	10	9	7	7	11	7	5	2	4	3	1	19	198-1	177	1197	1249	4135
≥3	25	16	7	12	6	5	1	10	7	5	4	5	5	5	1	59	570-1	173	2569	2928	4233

HOURS DURATION OF EVENTS

28 36.1N 123.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16	3																6-3	3	3	3	4100
≥12	21	11	6		1		1		1	1							60-1	42	92	92	4100
≥9	61	35	21	4	1	5	3	7	5	4	2	1		1	2	4	156-2	156	577	586	4100
≥6	52	18	22	6	12	9	9	2	5	5	8	3	4	11	2	43	534-1	211	2109	2165	4159
≥3	14	4	7	1	2	4		2	1		1	1	1	1	2	38	1638-1	79	3151	3868	4276

HOURS DURATION OF EVENTS

29 35.9N 171.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20					1												30-1	1	5	5	4100
≥16				1				1									48-1	2	12	12	4100
≥12	9	2	3	3	1	2		1	1	1		1					72-1	24	90	90	4103
≥9	7	6	2	3	5	3	4	2	3	1		1	2			3	138-1	42	255	267	4107
≥6	29	9	8	9	4	9	4	7	3	7	2	1	1	3	3	10	246-1	109	726	740	4159
≥3	37	23	11	15	3	10	4	6	3	4	1	15	3	3	4	43	1188-1	185	2174	2612	4652

HOURS DURATION OF EVENTS

31 35.6N 155.2W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20	1		1														18-1	2	4	4	4100
≥16	2	1		2		1											36-1	6	18	18	4100
≥12	4	7	1	1	2		1		1	1		1					72-1	19	73	73	4100
≥9	7	10	2	4	5	2	2	2	2	2		3	1		1	1	102-1	44	235	235	4101
≥6	18	8	8	5	11	6	6	3	1	3	2	1	2	1	1	14	276-1	90	698	730	4126
≥3	31	20	11	9	7	8	4	9	5	6	7	4	3	1	2	40	498-1	167	1974	2205	4346

HOURS DURATION OF EVENTS

32 35.4N 142.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20				1													24-1	1	4	4	4100
≥16		1					1										42-1	2	9	9	4100
≥12	3	1	1	1					1								54-1	7	21	23	4100
≥9	2	4	2	4	2		2	2	1	1			1				78-1	21	104	107	4100
≥6	21	7	6	8	4	6	4	4		3	1	3				4	180-1	71	376	400	4101
≥3	48	22	7	11	10	11	8	9	1	4	4	6	6	4	5	32	240-1	188	1563	1745	4168

HOURS DURATION OF EVENTS

34 34.2N 155.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24		1															12-1	1	2	2	4100
≥20	1							1									48-1	2	9	9	4100
≥16	3	2	1		1						2						66-2	9	37	37	4100
≥12	3	2	3	4	1	2	2		1					1	2	1	120-1	22	136	136	4104
≥9	5	1	5	7	2	2	7	4	1	1		2	1			4	168-1	42	306	306	4108
≥6	22	16	13	13	4	4	5	4	7	6	2	4	1		1	11	300-1	113	780	819	4116
≥3	35	25	14	5	9	6	11	6	7	6	4	5	5	3	2	48	474-1	191	2118	2349	4188

HOURS DURATION OF EVENTS

35 34.2N 163.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16	3	1	1				1										42-1	6	15	15	4100
≥12	3	4	3	2	3	2	1	1		1				1			84-1	21	94	96	4103
≥9	6	6	2	9	3	5	4	2	1	1	1		1	1		3	162-1	45	269	275	4107
≥6	21	15	8	12	5	9	3	3	5	5	2	3	2	1	1	14	258-1	109	829	848	4158
≥3	26	16	12	9	10	11	5	8	7	11	3	4	6	3		49	492-1	180	2185	2351	421[illegible]

HOURS DURATION OF EVENTS

37 32.9N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16																					4100
≥12	2	2															12-2	4	6	6	4100
≥9	24	7	1	2		1		1									48-1	36	63	63	4100
≥6	74	32	16	3		5	4	1	1	1	8	1		1	1	1	102-1	149	429	429	4100
≥3	119	70	57	7	12	8	12	4	5	13	13	1	3	5	6	36	426-1	368	2241	2299	4124

HOURS DURATION OF EVENTS

38 31.5N 127.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16			1														18-1	1	3	3	4100
≥12	2		2	1	1			1									48-1	7	25	25	4100
≥9	8	3	2	3	4	1	3		2	1	3		1			3	150-1	34	215	218	4101
≥6	20	3	12	8	4	4	7	3	6	8	6	2	2	1	1	23	270-1	110	1059	1099	4105
≥3	32	10	3	4	5	5	6	3	7	3	1	6	1	4	1	51	660-1	142	2708	3021	4194

HOURS DURATION OF EVENTS

40 29.6N 165.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16																					4100
≥12	1																6-1	1	1	1	4100
≥9	5	3		1		1		1		1							60-1	12	39	39	4100
≥6	16	12	3	4	3		2	3	1	2	1	1			2	1	120-1	51	220	221	4128
≥3	59	14	21	16	9	8	7	9	5	10	9	2	6	5	8	37	288-1	225	1860	1903	4226

HOURS DURATION OF EVENTS

41 29.4N 134.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34			1														18-1	1	3	3	4100
≥28	2				1												30-1	3	7	7	4100
≥24	3	1		1	1	1											36-1	7	20	20	4100
≥20	6	1	2	2	2	1				1							60-1	15	48	48	4100
≥16	4	5	3	3	5		2							1		2	120-1	22	117	117	4100
≥12	7	7	5	3	2	3	4		3	1	1	2	1	2		3	210-1	44	290	290	4100
≥9	7	6	4		6	5	4	4		7	2		3	2		11	258-1	61	552	557	4100
≥6	15	10	6	9	1	4	2	6	2	2	8	6	3	2	1	24	390-1	101	1131	1160	4101
≥3	14	13	7	6	4	3	3	2	4	2	3	4	7	3	4	57	636-1	136	2486	2687	4209

HOURS DURATION OF EVENTS

WAVE HEIGHT DURATIONS (Cont'd)

23 — 42.4N 172.1E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34	1	1															12-1	2	3	3	4101
≥28	1	1	1		1												30-1	3	10	10	4103
≥24	1	1	1		1					1							60-1	5	21	21	4107
≥20	1	3		2			1					1					72-1	8	34	34	4108
≥16	6	6	6	3	3		1	2	1		1		1	1			84-1	31	133	133	4109
≥12	15	10	7	4	5	7	5	3	6	2		1	3	1	1	1	96-1	71	368	368	4110
≥9	18	12	14	12	12	5	10	6	7	3	7	4	5	2	3	9	162-1	129	872	877	4139
≥6	23	18	12	13	13	15	9	14	11	8	6	2	5	8	7	31	372-1	195	1735	1774	4162
≥3	18	21	7	8	6	10	9	4	4	5	4	4	6	2	3	62	594-1	173	2954	3395	4358

HOURS DURATION OF EVENTS

24 — 41.0N 134.9W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16	1		2														18-2	3	7	7	4100
≥12	3	3	4	3	1	2	3		1	1							60-1	21	90	92	4100
≥9	6	3	4	1	5	1	4		1	4	2			1		7	138-3	39	309	333	4117
≥6	17	4	13	4	10	5	3	1	3	10		2	3	4	4	14	270-1	97	902	1009	4159
≥3	24	13	13	4	7	6	2	4	4	7	3	3	4	4	8	50	492-1	156	2150	2514	4247

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28		1															12-1	1	2	2	4100
≥24	3			1													24-1	4	7	7	4100
≥20	1	3	1	1	1												30-1	7	19	19	4100
≥16	2		1	4	1	1		1	2								54-2	12	58	58	4100
≥12	6	4	2	5	1	1	1	2	1	2	3	1		1			84-1	30	162	167	4100
≥9	10	13	6	10	5	4	4	1	6		3	1	2	1		5	168-1	71	424	443	4109
≥6	34	22	15	21	10	9	7	7	11	7	5	2	4	3	1	19	198-1	177	1197	1249	4135
≥3	25	16	7	12	6	5	1	10	7	5	4	5	5	5	1	59	570-1	173	2569	2928	4233

HOURS DURATION OF EVENTS

27 — 36.2N 127.4W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20		1															12-1	1	2	2	4100
≥16		2				2											36-2	4	16	16	4100
≥12	11	7	5	2		1	1	1		1	1	1					72-1	31	102	105	4100
≥9	27	5	12	3	5	3	2	8	3	3	2	1	1	4	1	7	168-1	87	527	538	4100
≥6	23	9	11	5	11	8	4	2	3	7	6	3	6	5	3	34	504-1	140	1645	1720	4102
≥3	19	8	4	1	3	2	3	1	2	3	2	2	2		1	58	1278-1	111	3025	3504	4247

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20					1												30-1	1	5	5	4100
≥16				1				1									48-1	2	12	12	4100
≥12	9	2	3	3	1	2		1	1	1		1					72-1	24	90	90	4103
≥9	7	6	2	3	5	3	4	2	3	1		1	2			3	138-1	42	255	267	4107
≥6	29	9	8	9	4	9	4	7	3	7	2	1	1	3	3	10	246-1	109	726	740	4159
≥3	37	23	11	15	3	10	4	6	3	4	1	15	3	3	4	43	1188-1	185	2174	2612	4652

HOURS DURATION OF EVENTS

30 — 35.7N 176.1E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20	1		1														18-1	2	4	4	4100
≥16	2	1					1										42-1	4	11	11	4100
≥12	1	5	4	2		3		1	1								54-1	17	66	66	4100
≥9	10	9	5	2	6			4	2	3		2					132-1	44	207	207	4113
≥6	26	13	15	9	16	9	5	4	3	3	4	2	3		1	10	246-1	123	730	769	4141
≥3	60	20	16	12	9	16	4	14	6	5	9	5	6	5	4	35	510-1	226	2066	2281	4297

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20				1													24-1	1	4	4	4100
≥16		1					1										42-1	2	9	9	4100
≥12	3	1	1	1					1								54-1	7	21	23	4100
≥9	2	4	2	4	2		2	2	1	1			1				78-1	21	104	107	4100
≥6	21	7	6	8	4	6	4	4		3	1	3				4	180-1	71	376	400	4101
≥3	48	22	7	11	10	11	8	9	1	4	4	6	6	4	5	32	240-1	188	1563	1745	4168

HOURS DURATION OF EVENTS

33 — 34.6N 145.9E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34	1																6-1	1	1	1	4100
≥28			1														18-1	1	3	3	4100
≥24	1					1											36-1	2	7	7	4100
≥20			1			1		1									48-1	3	17	17	4100
≥16		2		2			1			1							60-1	6	29	29	4100
≥12	5	7	4	2	4	4			1	1		1					72-1	29	114	114	4100
≥9	10	7	11	5	4	4	5	2	2	3	3		1	2	1	3	138-1	63	367	371	4102
≥6	23	20	11	7	7	8	6	7	5	3	6	2	1	3	5	20	264-1	134	1084	1094	4127
≥3	24	12	11	7	4	3	12	8	5	4	6	6	1	2	4	51	630-1	160	2362	2576	4210

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16	3	1	1				1										42-1	6	15	15	4100
≥12	3	4	2	2	3	2	1			1				1			84-1	21	94	96	4103
≥9	6	6	2	9	5	4	2	1							1	3	162-1	45	269	275	4107
≥6	21	15	8	12	5	9	3	3	5	5	2	3	2	1	1	14	258-1	109	829	848	4158
≥3	26	16	12	9	10	11	5	8	7	11	3	4	6	3		49	492-1	180	2185	2351	4217

HOURS DURATION OF EVENTS

36 — 33.7N 123.9E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24	1																6-1	1	1	1	4100
≥20				1													24-1	1	4	4	4100
≥16		1						1									48-1	2	10	10	4100
≥12	4	2	1					1			1						66-1	6	30	30	4100
≥9	11	4	5	5	1	2	1					2					84-1	32	116	126	4100
≥6	12	14	7	9	4		5	6	2	4	1	2	1	1		5	126-1	73	416	444	4102
≥3	52	19	7	11	8	12	7	6	5	3	9	5	6	3	1	26	288-1	180	1342	1395	4140

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16			1														18-1	1	3	3	4100
≥12	2		2	1	1			1									48-1	7	25	25	4100
≥9	8	3	2	3	4	1	3		2	1	3	1				1	150-1	34	215	218	4103
≥6	20	3	12	8	4	4	7	3	6	8	6	2	2	1	1	23	270-1	110	1059	1099	4105
≥3	32	10	3	4	5	5	6	3	7	3	1	6	1	4	1	51	660-1	142	2708	3021	4194

HOURS DURATION OF EVENTS

39 — 29.9N 177.3W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16		1															12-1	1	2	2	4100
≥12			2				3										42-3	5	27	27	4101
≥9	3	3	2	2	5								2			1	150-1	19	108	111	4119
≥6	10	8	9	4	6	6	1	4	2	4	2	1				6	240-1	63	422	430	4152
≥3	44	16	13	18	3	9	11	9	4	1	2	5	5	3	1	41	492-1	185	1821	1949	4232

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34			1														18-1	1	3	3	4100
≥28	2																30-1	3	7	7	4100
≥24	2	1	1	1	1												36-1	5	20	20	4100
≥20	6	1	2	3	1												60-1	15	48	48	4100
≥16	5	5	2	3	2	2								1		2	120-1	22	117	117	4100
≥12	3	3	5	3	5	1	4		1	1	2	1	2	1	2	3	210-1	44	290	290	4100
≥9	7	6	4		6	5	4	4	1	7	2	1	3	2	1	11	258-1	61	557	557	4100
≥6	15	10	6	9	4	1	4	2	6	1	2	6	1	4	3	24	390-1	101	1131	1160	4161
≥3	4	13	7	6	9	1	4	3	1	2	4	2	3	7	3	57	636-1	136	2486	2687	4209

HOURS DURATION OF EVENTS

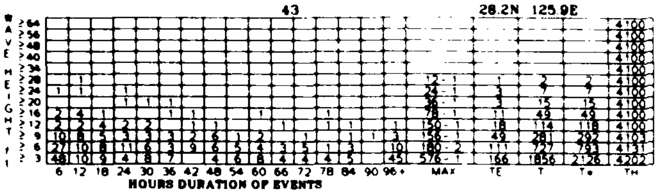
42 — 28.6N 139.2W

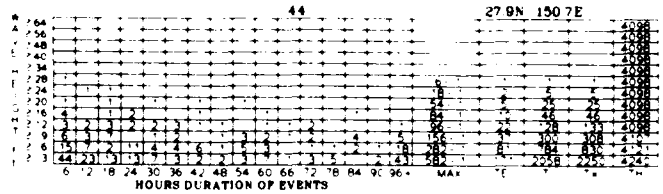
Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16				1													24-1	1	4	4	4100
≥12						2											36-2	3	15	15	4100
≥9	2	4			1												90-1	12	65	70	4100
≥6	19	9	9	6	9	4	11	9	4	3	6	3	1	2		9	186-1	66	580	590	4122
≥3	64	27	15	9	7	7	9	5	5	11	4	5	5	6	4	42	606-1	221	2212	2454	4201

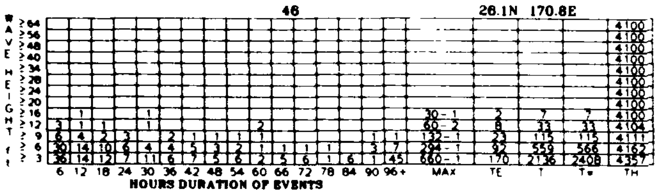
HOURS DURATION OF EVENTS

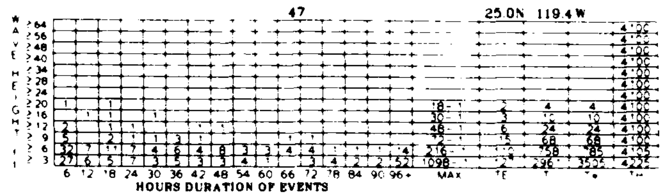
4

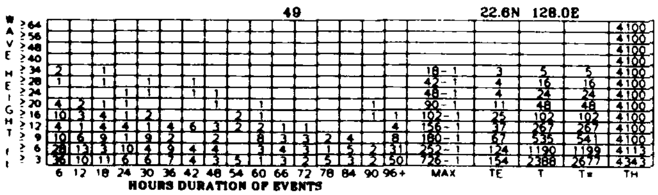
WAVE HEIGHT DURATIONS (Cont'd)

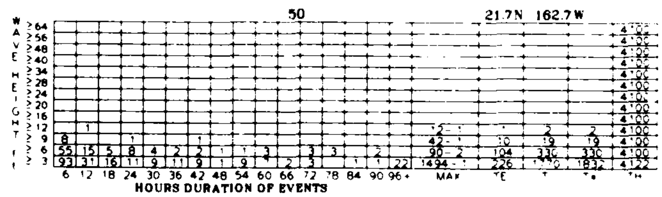


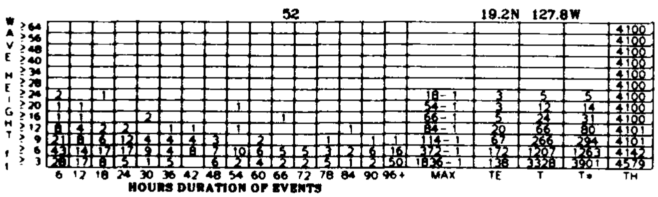


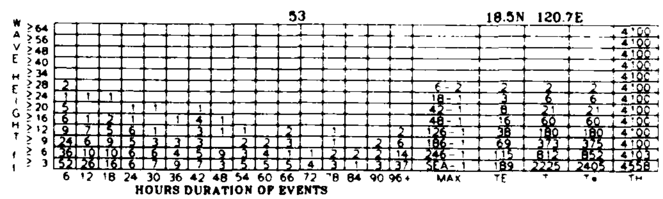


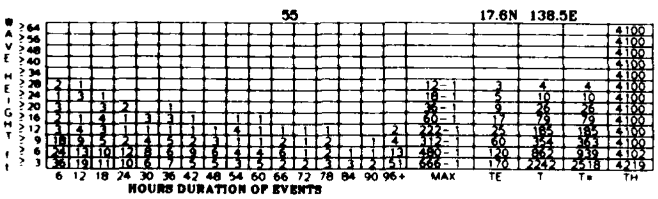


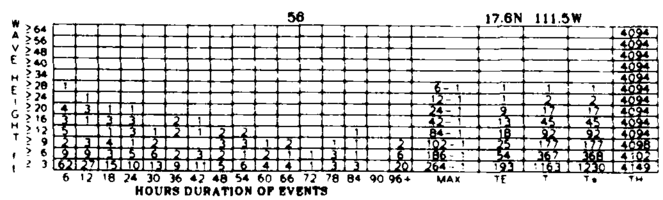


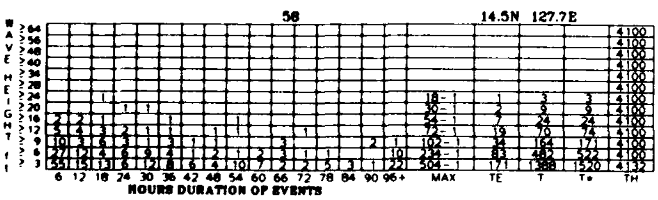


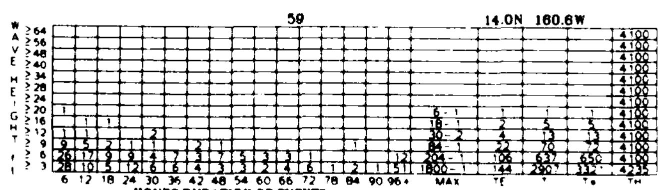


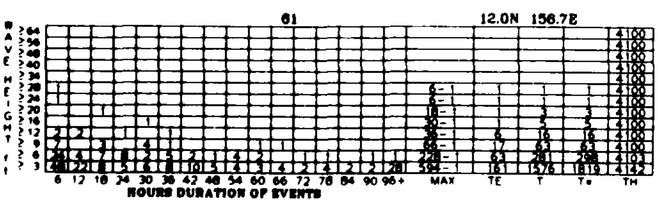


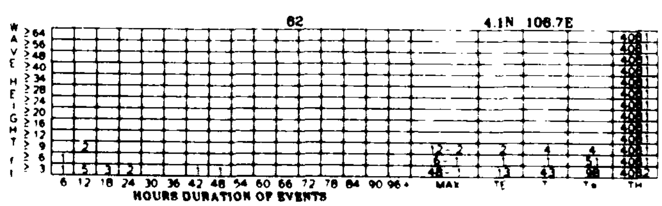












NS (Cont'd)

SUMMER

44 27.9N 150.7E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4098
≥56																					4098
≥48																					4098
≥40																					4098
≥34																					4098
≥28	1																6-1	1	1	1	4098
≥24		1	1														18-1	2	5	5	4098
≥20	1		1		1		1		1								54-1	5	25	25	4098
≥16	4		1	2			1			1				1			84-1	10	46	46	4098
≥12	3	2	3	2	2	3	1	1		1	1	2				1	96-1	22	128	133	4098
≥9	6	3	7		1	2		1	3	2	1	2		4		5	156-1	37	300	308	4107
≥6	15	7	2	11	4	4	6	1	5	3		1	1	2	1	18	282-1	81	784	830	4121
≥3	44	23	13	13	7	3	2	2	3	7	1	3	5		2	43	582-1	171	2058	2250	4240

HOURS DURATION OF EVENTS

45 27.8N 145.6W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16																					4100
≥12																					4100
≥9	1	4	4	2		1	1										42-1	13	42	42	4100
≥6	25	11	12	6	5	6		2	2		1	2			1	5	144-1	78	353	355	4105
≥3	51	20	6	12	6	9	5	5	7	5	9	5	3	4	4	42	642-1	193	2173	2313	4344

HOURS DURATION OF EVENTS

47 25.0N 119.4W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20	1		1														18-1	2	4	4	4100
≥16		1	1		1												30-1	3	10	10	4100
≥12	2		1	1			1	1									48-1	6	24	24	4100
≥9	5		2			3	1				1	1					72-1	15	68	68	4100
≥6	32	7	11	7	4	6	4	8	3	3	4	4	1	1	1	14	216-1	110	758	785	4105
≥3	27	6	5	7	3	5	3	3	4	1		3	4	2	2	52	1098-1	127	2961	3505	4225

HOURS DURATION OF EVENTS

48 23.5N 151.8W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16	1	1															12-1	2	3	3	4100
≥12						1											36-1	1	6	6	4100
≥9	5	2	1	3					1								54-1	12	33	33	4100
≥6	21	8	6	3	8	1	3	1	2	3	1		1			6	186-1	64	337	351	4100
≥3	53	20	7	10	9	4	8	8	4	3	2	1	3	3	4	45	534-1	184	2063	2419	4171

HOURS DURATION OF EVENTS

50 21.7N 162.7W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16																					4100
≥12																	12-1	1	2	2	4100
≥9	8																42-1	10	19	19	4100
≥6	55	15	5	8	4	2	2		1	3		3	3		2		90-2	104	330	330	4100
≥3	93	31	16		9	11	9		9						2	22	1494-1	226	1770	1832	4122

HOURS DURATION OF EVENTS

51 20.5N 177.1W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16																					4100
≥12	2																6-2	2	2	2	4100
≥9	2	5	4												1		108-1	12	42	42	4109
≥6	14	11	8	4	12	3	7	3	7	5	2			1	2	9	222-1	80	565	583	4118
≥3	37	17	14	11	10	5	3	3	7	5	2	5	5	1	2	45	1038-1	171	2571	2883	4470

HOURS DURATION OF EVENTS

53 18.5N 120.7E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28	2																6-2	2	2	2	4100
≥24	1	1	1														18-1	3	6	6	4100
≥20	5			1	1		1										42-1	8	21	21	4100
≥16	6	1	2	1		1	4	1									48-1	16	60	60	4100
≥12	9	7	5	6	1		3	1	1		2		1			2	126-1	38	180	180	4100
≥9	24	6	9	5	3	3	3		2	2	3		1		2	6	186-1	69	373	375	4100
≥6	36	10	10	6	6	4	5	9	3	4	1	1	2	2	2	14	246-1	115	812	852	4103
≥3	52	26	16	6	7	9	7	3	5	5	5	4	3	1	3	37	SEA-1	189	2225	2405	4558

HOURS DURATION OF EVENTS

54 18.2N 168.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20		1															12-1	1	2	2	4100
≥16				1													24-1	1	4	4	4100
≥12	7	4	1	1							1						66-1	14	33	33	4100
≥9	8	4	5	2	6	1	2	2		1						1	114-1	32	134	135	4100
≥6	38	12	8	10	4	5	7	3	7	4	3	3	1	1	1	7	186-2	114	629	632	4100
≥3	48	12	10	5	14	8	11	6	9	2	5	7	2	2		44	972-1	185	2367	2792	4235

HOURS DURATION OF EVENTS

56 17.6N 111.5W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4094
≥56																					4094
≥48																					4094
≥40																					4094
≥34																					4094
≥28	1																6-1	1	1	1	4094
≥24		1															12-1	1	2	2	4094
≥20	4	3	1	1													24-1	9	17	17	4094
≥16	3	1	3	3		2	1										42-1	13	45	45	4094
≥12	5		1	3	1	2	1	2	2					1			84-1	18	92	92	4094
≥9	2	3	4	1	2			3	3	1	2		1	1		2	102-1	25	177	177	4098
≥6	3	9	3	5	6	2	3	2	1	2	1	1	3	1		6	186-1	54	367	368	4102
≥3	62	27	15	10	13	9	11	5	6	4	4	1	3	3		20	264-1	193	1163	1230	4149

HOURS DURATION OF EVENTS

57 14.9N 147.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34		1															12-1	1	2	2	4100
≥28			1														18-1	1	3	3	4100
≥24					1												30-1	1	5	5	4100
≥20						1											36-1	1	6	6	4100
≥16	3		2	1					1								54-1	7	22	22	4100
≥12	6	2		2			1		2		1						66-1	14	54	54	4100
≥9	13	9	8	7		1	1		1	1			2		1		96-1	44	157	162	4100
≥6	32	8	7	5	4	8	3	2	4	3	3	4	2	1	2	7	150-1	95	553	598	4101
≥3	54	26	9	11	17	6	6	7	6	5	5	5	3	3	1	36	660-1	200	1762	2014	4167

HOURS DURATION OF EVENTS

59 14.0N 160.6W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20	1																6-1	1	1	1	4100
≥16		1	1														18-1	2	5	5	4100
≥12					2												30-2	4	10	13	4100
≥9	9	5	2	1		2	2	1									84-1	22	70	72	4100
≥6	26	17	9	9	4	7	3	7	5	3	3	1				12	204-1	106	637	650	4100
≥3	28	10	5	12	6	6	4	3	3	2	4	6	1	2	1	51	1800-1	144	2907	3321	4235

HOURS DURATION OF EVENTS

60 12.2N 112.6E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4100
≥56																					4100
≥48																					4100
≥40																					4100
≥34																					4100
≥28																					4100
≥24																					4100
≥20																					4100
≥16		1															12-	1	2	2	4100
≥12	3		1	2		1											36-	3	22	22	4100
≥9	5	4	5	1	4			1				2		2	1	10	102-	30	142	142	4100
≥6	20	6	7	4	6	6			5	5		1					264-	80	586	586	4100
≥3	47	17	15	9	9	8	3		6		2	6	2	2	5	24	684-	155	1441	1536	4134

HOURS DURATION OF EVENTS

62 4.1N 106.7E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4081
≥56																					4081
≥48																					4081
≥40																					4081
≥34																					4081
≥28																					4081
≥24																					4081
≥20																					4081
≥16																					4081
≥12																					4081
≥9		2															12-2	2	4	4	4081
≥6	1																6-			31	4081
≥3	1	5	3	2			1	1									48-1	13	43	58	4082

HOURS DURATION OF EVENTS

63 2.1N 123.6E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4089
≥56																					4089
≥48																					4089
≥40																					4089
≥34																					4089
≥28																					4089
≥24																					4089
≥20																					4089
≥16	1																6-1	1	1	1	4089
≥12			1														18-1	1	3	3	4089
≥9																	24-1	1	4	4	4089
≥6						1											30-1	1	6	6	4089
≥3	4	6	4	1	1												54-1	17	46	48	4089

HOURS DURATION OF EVENTS

2

FALL

WAV

1 — 64.0N 166.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40		1															12-1	1	2	2	4545
≥34	1	1		1													24-1	3	7	7	4545
≥28	3	1	4			1											36-1	9	23	28	4545
≥24	11	6	4	4			1		1								54-1	27	67	75	4548
≥20	28	8	4	7	8	4		3			1	1				1	114-1	65	214	224	4567
≥16	17	12	5	9	6	6	8	3	2	1	1	2	1		1	4	162-1	78	413	427	4571
≥12	58	20	13	8	12	1	2	3	9	5	2	3	3	2		12	240-1	153	807	848	4606
≥9	59	23	23	12	17	9	14	6	6	15	9	7	7	4	3	24	282-1	238	1665	1752	4652
≥6	37	19	15	10	13	14	20	7	13	5	7	3	7	10	3	53	714-1	236	2745	2956	4697
≥3	8	10	3	4	8	6	4	3	2	4		2	3	4	2	62	SEA-1	125	3960	4685	5278

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48		1															12-1	1	2	3	4545
≥40	1			1													24-1	2	5	7	4545
≥34	5	5	3	1	1												30-1	15	33	36	4545
≥28	10	11	10	9	6	3	3										42-3	52	167	171	4547
≥24	14	15	13	12	9	13	2	6	3	1	1						66-1	89	364	369	4551
≥20	15	17	14	16	14	12	9	6	5	7	6	1	1	2		2	114-1	127	677	685	4557
≥16	16	24	10	23	15	9	14	16	10	3	4	7	6	6		13	192-1	176	1239	1258	4601
≥12	21	14	13	10	12	16	15	17	12	11	9	7		5	4	34	276-1	207	1933	2016	4614
≥9	12	6	14	8	12	8	10	11	10	12	7	5	9	6	5	62	618-1	199	2733	2898	4707
≥6	11	7	9	11	5	8	6	6		6	3	6	5	2	6	77	996-1	175	3620	3878	4876
≥3	7	4	1	1	1	3	1			2	1	1				43	SEA-1	65	4312	5358	5575

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56	1																6-1	1	1	1	4545
≥48	1		1														18-1	2	4	4	4545
≥40	1	1	4	1	1												30-1	8	24	25	4545
≥34	3	5	3	2	3	2	3	1									48-1	22	86	88	4546
≥28	10	14	8	7	7	4	5	2	2	1	2	1	1				78-1	64	275	279	4547
≥24	20	13	22	12	8	8	5	6	3	5	1	2	1	1		3	132-1	110	526	543	4549
≥20	19	18	19	17	16	4	18	12	5	7	5	4	3	6		7	186-1	160	991	1016	4561
≥16	16	11	18	17	22	12	18	9	8	11	7	5	7	2	7	25	216-1	195	1642	1745	4596
≥12	20	11	11	10	13	17	5	13	12	9	9	10	5	4	2	51	438-1	212	2442	2644	4629
≥9	9	6	9	3	8	8	7	6	5	8	10	3	4	1	7	77	852-1	171	3302	3709	4917
≥6	9	11	8	2	1	4	5	2	2	6	2	2	4	3	1	64	1998-1	126	4277	5028	5603
≥3	5	3	1		2					3	1					19	SEA-4	34	2863	4941	5022

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48	1																6-1	1	1	1	4545
≥40	6	3	2	1	1												30-1	13	27	27	4545
≥34	7	7	5	6	4	2			1								54-1	32	101	101	4545
≥28	13	9	11	14	6	3	8	4	1	1		1	1	1			84-1	73	314	314	4545
≥24	16	13	13	11	15	11	6	7	8	7		1	1	3	1		90-1	113	588	588	4549
≥20	7	10	13	12	16	14	10	18	9	6	8	6	3		2	9	174-1	143	1036	1038	4556
≥16	14	15	17	13	14	11	14	11	14	13	5	4	9	6	3	27	234-1	190	1699	1715	4571
≥12	11	17	9	10	11	10	9	9	9	6	9	5	5	2	7	64	492-1	193	2539	2634	4585
≥9	16	8	7	6	4	5	5	7	8	11	1	5	2	6	5	72	924-1	168	3031	3429	4703
≥6	8	4	4	5	3	1	1	3	2	2	2	2	2	2	2	70	1350-1	113	4150	4794	5343
≥3	2	1	2	2		2		1				1				27	SEA-4	38	4045	5737	5829

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4544
≥56																				1	4544
≥48	1																6-1	1	1	3	4544
≥40			2														18-2	2	6	9	4544
≥34	5	4	1	1	1	1	1										42-1	14	38	43	4544
≥28	11	11	13	5	2	1	1	1		1		2		1			84-1	49	171	178	4544
≥24	17	18	14	6	14	6	6	4	3	1						4	138-1	93	409	428	4547
≥20	26	16	13	9	16	7	9	8	5	8	2		3	2		8	222-1	132	774	818	4557
≥16	23	18	17	14	15	12	12	11	15	9	6	3	2	2	2	20	252-1	181	1310	1483	4575
≥12	30	12	17	14	14	12	12	14	10	7	11	7	6	4	6	37	378-1	213	2094	2399	4646
≥9	20	9	19	10	13	9	11	9	13	10	6	6	5	5	4	63	516-1	212	2871	3253	4701
≥6	11	16	5	7	6	5	4	6	3	3	1	5	3		1	69	1932-1	145	3734	4700	5369
≥3	2		1		2	2			1		2	1	1	2		27	SEA-5	41	3548	5655	5782

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64	1																6-1	1	1	1	4545
≥56		1															12-1	1	2	2	4545
≥48	2	1	1														18-1	4	7	7	4545
≥40	3	5	4	1	1	2											36-2	16	46	46	4545
≥34	5	9	8	3	2	4	1	1									48-1	33	108	110	4545
≥28	20	12	6	4	10	7	5	3	3	1	1	1					72-1	73	289	295	4545
≥24	30	21	16	13	10	10	9	7	4	3	3	2	2				78-2	130	550	558	4546
≥20	30	22	33	19	18	12	10	9	7	9	2	3	1	3	4	5	132-1	187	969	986	4555
≥16	25	20	16	26	31	11	15	12	10	7	7	6	9		2	22	210-1	219	1570	1641	4570
≥12	23	23	31	20	13	16	12	13	10	13	8	8	9	7	5	47	270-1	258	2395	2634	4642
≥9	11	16	8	6	14	13	10	12	11	10	11	9	6	7	2	70	558-1	216	3157	3553	4765
≥6	7	4	5	1	6	4	3	5	2	4	5	3	4	3		66	1746-1	122	4340	4988	5466
≥3	3			2	1		1			1		1	1		2	20	SEA-5	32	3289	5290	[illegible]

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56		1															12-1	1	2	2	4545
≥48			1														18-1	1	3	3	4545
≥40	9	3		1		1											36-1	14	25	25	4545
≥34	14	5	11	5	6								1				78-1	42	120	120	4545
≥28	20	13	14	13	17	7	4	2		2	2				1		90-1	95	368	368	4545
≥24	19	15	22	16	16	17	14	4	6	1	2	1	5			1	96-1	139	670	671	4547
≥20	23	12	21	13	16	20	16	15	6	7	4	5	3	1	3	12	270-1	177	1165	1168	4555
≥16	22	19	13	13	11	15	16	16	16	6	3	8	7	6	2	36	282-1	209	1855	1896	4580
≥12	16	16	10	5	13	13	10	5	10	11	7	7	4	5	1	60	540-1	193	2757	2847	4608
≥9	6	10	5	8	8	5	5	5	9	7	5	2	5	5	4	65	1116-1	154	3320	3551	4630
≥6	9	5	2	5	2	5		4	1	1		1	1		2	58	1674-1	96	3651	4485	4947
≥3	3		1	2		1	1									23	SEA-4	31	3279	5209	5286

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56		1															12-1	1	2	2	4545
≥48	1	1		1													24-1	3	4	4	4545
≥40	2	3	1	1	2												30-2	9	25	25	4545
≥34	5	1	3	4	2	3											36-3	18	60	60	4545
≥28	10	14	10	10	5	2	1	3	2	1							60-1	58	204	205	4545
≥24	19	16	15	11	11	11	8	2	3	4	2				1	1	102-1	104	454	462	4545
≥20	33	17	24	17	18	17	13	10	4	3	6	1	4	1	1	7	132-1	176	919	946	4545
≥16	32	21	26	19	20	20	15	11	13	10	5	6	6	2	6	22	378-1	234	1674	1755	4602
≥12	21	15	14	14	18	13	17	19	7	14	11	13	7	8	5	47	432-1	243	2723	2865	[illegible]
≥9	4	8	12	9	6	9	6	4	9	4	9	6	7	11	6	73	750-1	183	3644	3893	4863
≥6	2	3	3	5	5	1	2	2	1	1		2	2	2	2	58	1470-1	91	4270	4963	5278
≥3			1					1					1			14	SEA-3	18	2508	4743	4802

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40	6	3	3	1													24-1	13	25	26	4545
≥34	7	5	9	2	6	1		1									48-1	31	96	99	4545
≥28	15	16	10	7	5	4	7		4	1	1					1	102-1	71	277	282	4545
≥24	24	24	13	11	7	13	5	9	4	3		2			2	2	132-1	119	538	545	4549
≥20	30	19	24	19	20	9	7	11	8	7	8	3	3	3		7	144-1	178	991	1016	4567
≥16	35	24	14	26	6	16	18	15	12	13	5	8	6	9	6	18	300-1	231	1686	1746	4578
≥12	23	14	12	14	14	7	14	10	11	13	15	10	9	3	6	54	486-1	229	2674	2801	4631
≥9	6	9	11	9	11	4	6	5	9	3	8	7	2	6	5	78	708-1	179	3515	3844	4810
≥6	9	4	2	4	3	5		5		3	1	1	1	5	2	59	1446-1	104	3970	4951	5340
≥3			1		1											14	SEA-6	16	2830	5433	5478

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56			1														18-1	1	3	3	4545
≥48		1	1		1	1											36-1	4	16	16	4545
≥40	6	4	3	2	1	2		1									48-1	19	56	57	4545
≥34	7	10	11	3	2	1	4	1	1								54-1	40	133	135	4545
≥28	24	12	14	6	8	8	4	2	4		2	2					72-2	86	328	334	4545
≥24	36	22	24	8	17	10	6	9	2	4		1	2	1	2	2	144-1	146	625	632	4549
≥20	29	24	32	24	27	21	5	6	9	6	7	2	1	1	4	7	150-1	205	1099	1117	4552
≥16	32	25	24	27	16	17	19	15	13	8	4	12	8	6	2	24	186-1	252	1829	1914	4590
≥12	15	19	7	15	17	19	13	13	16	7	11	9	6	9	3	56	336-1	235	2649	2951	4638
≥9	12	5	12	6	8	4	7	7	11	5	8	10	5	4	3	74	486-1	181	3455	3897	4817
≥6	4	2	2		7	1	2	1	1	2	1	2	5	4	4	54	SEA-1	92	4037	4995	5300
≥3		2				1										10	SEA-5	13	2720	4855	4896

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48		1															12-1	1	2	2	4545
≥40	5	1			1												30-1	7	12	12	4545
≥34	7	1	2	4	4	1											36-1	19	57	57	4545
≥28	22	10	16	9	6	6	4		1	1		1					72-1	76	251	251	4547
≥24	25	18	28	18	9	8	6	9	3		1	1		2		3	114-1	131	553	555	4550
≥20	31	19	30	20	26	17	7	6	6	9	4	2		2	1	7	126-2	187	954	968	4553
≥16	41	37	32	26	23	21	20	17	3	12	9	6	6	6	3	13	258-1	275	1652	1698	4571
≥12	18	17	18	21	21	22	15	8	14	4	10	14	9	4	7	48	498-1	250	2629	2793	4724
≥9	17	10	9	13	12	7	12	7	14	11	4	11	5	5	7	55	1356-1	200	3288	3757	4911
≥6	6	9	5	2	5	3	4	5	4	1	6	3	1	4	3	49	SEA-1	110	4017	5319	5835
≥3	1	3	1	2				1			1		1		2	14	SEA-5	26	2401	5108	5179

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4544
≥56																					4544
≥48																					4544
≥40																					4544
≥34																					4544
≥28																					4544
≥24																					4544
≥20																					4544
≥16	3																6-3	3	3	3	4544
≥12	23	3	1	2		1	1										42-1	31	53	54	4544
≥9	67	29	26	18	9	7	6	2	2	1	2		1				78-1	170	483	501	4550
≥6	71	51	48	23	24	24	15	11	10	12	3	2	6	5	5	5	300-1	315	1480	1531	4570
≥3	37	27	29	28	20	14	12	17	9	9	10	10	8	8	7	60	336-1	305	2931	3067	4632

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56	1																6-1	1	1	1	4545
≥48	1	2		1													24-1	4	9	9	4545
≥40	10	3		2	2	2											36-2	19	46	46	4545
≥34	10	9	7	7	5	1	2	1									48-1	42	130	132	4545
≥28	17	23	6	5	10	8	4	4	2	2	2						66-2	83	319	323	4545
≥24	19	25	21	15	7	10	8	5	6	7	3		1			1	108-1	128	571	602	4547
≥20	30	21	19	18	15	17	11	9	10	6	7	5	3	1		8	162-1	180	1027	1059	4548
≥16	43	26	20	9	21	26	14	9	11	13	5	6	9	5	3	23	306-1	241	1744	1821	4586
≥12	28	20	13	11	12	16	11	10	15	6	14	8	7	8	1	52	462-1	232	2629	2793	4631
≥9	15	13	7	7	11	4	12	5	4	5	11	6	6	4	4	67	1062-1	179	3488	3806	4861
≥6	6	6	10	2	4	3	2	2	2	5	4	3	2	6		49	1644-1	106	3785	4976	5434
≥3	2	1	2	1		2						1	1	1	1	19	SEA-8	31	3618	5563	5618

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48	2	1															12-1	3	4	4	4545
≥40	3	1	4	1		1											36-1	10	27	27	4545
≥34	8	6	4	7	2		1	1									48-1	29	85	85	4545
≥28	18	8	15	5	10	9	1	1	1	1				1			84-1	70	251	255	4545
≥24	25	14	13	10	12	5	8	8	5	1	3	1				3	108-1	117	528	532	4562
≥20	23	30	18	20	20	16	13	10	6	8	3	3	2	1	1	7	156-1	181	983	996	4564
≥16	23	16	19	15	13	17	12	16	16	11	6	8	4	4	4	23	354-1	207	1720	1758	4569
≥12	22	15	18	15	13	9	10	4	10	9	7	7	5	6	6	57	594-1	208	2671	2877	4736
≥9	15	10	15	12	8	6	8	7	5	5	2	3	6	1	1	59	1110-1	163	3109	3874	4938
≥6	3	5	7	1	1	2		1	2	1	2	4	2	1		57	1206-1	89	3546	4872	5276
≥3																12	SEA-4	12	2680	5553	5580

HOURS DURATION OF EVENTS

WAVE HEIGHT DURATIONS

2 — 59.4N 172.0W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48		1															12-1	1	2	3	4545
≥40	1			1													24-1	2	5	7	4545
≥34	5	5	3	1	1												30-1	15	33	36	4545
≥28	[illegible]	[illegible]	10	9	6	3	1	3									42-3	52	167	171	4547
≥24	4	9	12	9	12	12	6	3	1		1						66-1	89	364	369	4547
≥20	12	7	14	16	4	12	9	8	5	7	6	1	1	2		2	114-1	127	677	685	4557
≥16	6	24	10	23	15	9	14	16	10	3	4	7	6	6		13	192-1	176	1239	1258	4601
≥12	11	14	13	10	12	16	15	17	12	11	9	7	7	5	4	34	276-1	207	1933	2016	4614
≥9	12	6	14	8	12	8	10	11	10	12	7	7	9	6	5	62	618-1	199	2733	2898	4707
≥6	[illegible]	9	1	5	8	6	6	7	6	3	6	5	2	6	4	[illegible]	996-1	175	3620	3878	4876
≥3		4														43	SEA-1	65	4312	5358	5575

HOURS DURATION OF EVENTS

3 — 58.5N 151.6W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56		1															12-1	1	2	2	4545
≥48				1													24-1	1	4	4	4545
≥40	2	2			1												30-1	5	13	13	4545
≥34	4	3	2	1	1	3											36-3	14	43	43	4545
≥28	5	9	9	3	3	3				2	1						66-1	36	134	134	4545
≥24	9	4	17	10	9	4	5	1	1	2		2	2				78-2	67	309	[illegible]	4545
≥20	12	15	10	8	12	11	11	3	4	3	1	1	1	5	2	1	144-1	100	557	560	4545
≥16	18	14	12	11	13	10	8	10	12	4	2	3		2	1	15	162-1	135	920	934	4553
≥12	29	19	20	23	11	13	12	12	6	8	5	6		2	3	27	216-1	196	1484	1554	4562
≥9	37	18	20	21	16	18	12	10	19	6	8	5	6	8	3	40	960-1	247	2358	2449	4732
≥6	32	26	9	7	12	13	12	10	6	9	10	6	3	4	2	77	1320-1	239	3426	3590	4890
≥3	10	4	2	5		2	3	2	2	6	4	5	3	2	4	60	SEA-1	114	4411	5273	5686

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																	6-1	1	1	1	4545
≥40	6	1															30-1	13	27	27	4545
≥34	[illegible]	3	5	6	4	2											54-1	32	101	101	4545
≥28	2	3	1	4	6	3	8	4	1								84-1	73	314	314	4545
≥24	[illegible]	[illegible]	[illegible]	5	11	6	7	8	7		1	1	3	1		9	90-1	113	588	588	4549
≥20	[illegible]	10	3	12	6	14	10	18	9	6	8	6	3		2	9	174-1	143	1036	1038	4558
≥16	4	5	[illegible]	3	14	11	14	11	14	13	5	4	9	6	3	27	234-1	190	1699	1715	4571
≥12	11	[illegible]	9	10	11	10	9	9	9	6	9	5	5	2	7	64	492-1	193	2539	2634	4585
≥9	6	8	[illegible]	6	4	5	5	7	8	11	1	5	2	6	5	72	924-1	168	3031	3429	4703
≥6	8	4	4	5	[illegible]	[illegible]	1	3	2	2	2	2	2	2	2	70	1350-1	113	4150	4794	5343
≥3								1				1				27	SEA-4	38	4045	5737	5829

HOURS DURATION OF EVENTS

6 — 54.9N 167.1W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40	3	2	2														18-2	7	13	14	4545
≥34	2	4	3	3	2	1											36-1	15	47	50	4545
≥28	16	6	7	5	4	3	2			1							60-1	44	131	135	4545
≥24	20	10	14	7	7	9	2	3	1	1	1		1			1	102-1	77	297	302	4545
≥20	23	20	16	17	8	13	6	11	4	3	1	2	2			4	132-1	130	627	646	4558
≥16	20	19	19	23	10	21	14	15	9	9	5	7	6	2	4	8	144-1	191	1235	1271	4565
≥12	23	14	14	15	12	15	16	15	14	10	15	9	8	7	6	35	456-1	228	2114	2219	4639
≥9	20	10	11	15	11	7	6	11	9	7	9	10	12	2	7	78	474-1	225	3054	3217	4675
≥6	11	4	4	9	4	6	1	7	2	1	4	3	4	5	4	75	1272-1	144	3886	4331	4943
≥3	2	2		3												24	SEA-3	31	2946	5227	5328

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																	6-1	1	1	1	4545
≥56																	12-1	1	2	2	4545
≥48																	18-1	4	7	7	4545
≥40	3	[illegible]	4														36-2	16	46	46	4545
≥34	2	3	8	3	[illegible]	4											48-1	33	108	110	4545
≥28			6	4			5	3	3	1	1	1					72-1	73	289	295	4545
≥24	10	[illegible]	6	3	[illegible]	[illegible]	2		4	3	3	2	2				78-2	130	550	558	4546
≥20	[illegible]	22	33	3	18	2	12	3	[illegible]	3	2	3	1	3	4	5	132-1	187	969	986	4555
≥16	[illegible]	[illegible]	6	6	[illegible]	[illegible]	5	2	10	[illegible]	7	6	9		2	22	210-1	219	1570	1641	4570
≥12	3	23	3	[illegible]	3	6	2	3	6	13	8	8	9	7	5	47	270-1	258	2395	2634	4642
≥9		6	8	6	4	13	10	12	11	10	11	9	6	7	2	70	558-1	216	3157	3553	4765
≥6		4	5		6	4	1	5	2	4	5	3	4	3		66	1746-1	122	4340	4988	5466
≥3	3											1	1		2	20	SEA-5	32	3289	5290	5372

HOURS DURATION OF EVENTS

9 — 51.7N 158.8E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56	1																6-1	1	1	1	4545
≥48	2	1															12-1	3	4	4	4545
≥40	1	1	2	1													24-1	5	13	13	4545
≥34		1	2		1	2											36-2	6	25	25	4545
≥28	8	14	5	4	1	1	1	1									48-1	35	93	95	4545
≥24	12	16	13	11	6	6	1	1	1	1							60-1	68	227	229	4547
≥20	14	13	19	13	10	7	8	5	3	3	1	1			1	1	150-1	99	457	480	4568
≥16	14	23	17	17	12	9	8	7	10	8	4	2	1	5	1	6	192-1	146	902	949	4576
≥12	26	17	16	23	12	16	14	6	7	9	5	6	7	2	11	27	252-1	204	1647	1737	4633
≥9	13	18	17	9	26	11	12	20	9	4	7	2	4	3	2	54	354-1	211	2353	2621	4754
≥6	10	13	11	8	6	7	7	6	10	11	3	4	5	5	5	61	906-1	172	3484	3898	5056
≥3	13	2	2		1	2	3	2	2	1	2	2	3	3	2	44	1698-1	84	3982	5628	5942

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																	12-1	1	2	2	4545
≥48																	24-1	3	7	7	4545
≥40		3															30-2	9	25	25	4545
≥34	2		3	4	2	3											36-3	18	60	60	4545
≥28		4	10	10	5	2	1	3	2	1							60-1	58	204	205	4545
≥24	3	6	5	[illegible]	[illegible]	[illegible]	8	2	3	4	2				1	1	102-1	104	454	462	4545
≥20	11	[illegible]	24	[illegible]	18	17	13	10	4	3	6	1	4	1	1	7	132-1	176	919	946	4545
≥16	32	2	26	19	20	20	15	11	13	10	5	6	6	2	6	22	378-1	234	1674	1755	4602
≥12	[illegible]	5	14	14	18	13	17	19	7	14	11	13	7	8	5	47	432-1	243	2723	2865	4687
≥9	4	8	2	9	6	9	6	4	9	4	9	6	7	11	6	73	750-1	183	3644	3893	4863
≥6	2	3	3	5	5	1	2	2	1	1		2	2	2	2	58	1470-1	91	4270	4963	5278
≥3			1	1				1					1			14	SEA-3	18	2508	4743	4802

HOURS DURATION OF EVENTS

12 — 50.9N 145.6W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56	1																6-1	1	1	1	4545
≥48	1	1	1														18-1	3	6	6	4545
≥40	2	2	3	4													24-4	11	31	31	4545
≥34	11	3	9	5	1	5	1										42-1	35	106	106	4545
≥28	16	13	12	14	10	12	2	3	2					1	1		90-1	86	341	341	4545
≥24	23	23	11	17	19	9	8	11	5	5	2	1	1			3	96-3	138	653	653	4545
≥20	24	22	9	25	15	21	12	16	12	13	8	3	1	5	1	7	138-1	194	1203	1203	4551
≥16	28	21	12	16	18	13	15	12	20	11	11	5	6	8	2	37	240-1	235	2050	2061	4584
≥12	21	17	8	8	9	3	6	7	6	7	10	4	5	2	2	70	462-1	185	2823	3081	4666
≥9	14	6	6	8	4	5	6	2	5	6	3	1	5	2	1	69	774-1	143	3437	4002	4900
≥6	2	1	1	4	1		1	2	2					1	3	52	1524-1	70	3892	4969	5298
≥3	1			1					1		1					16	SEA-4	20	3538	5606	5642

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																	18-1	1	3	3	4545
≥48					1	1											36-1	4	16	16	4545
≥40	6	4	3	2	1	2		1									48-1	19	56	57	4545
≥34	[illegible]	10	11	3	2	1	4	1	1								54-1	40	133	135	4545
≥28	24	12	14	6	8	8	4	2	4		2	2					72-2	86	328	334	4545
≥24	36	22	24	8	17	10	6	9	2	4		1	2	1	2	2	144-1	146	625	632	4549
≥20	29	24	32	24	27	21	5	6	9	6	7	2	1	1	4	7	150-1	205	1099	1117	4552
≥16	31	25	24	27	16	17	19	15	13	8	4	12	8	6	2	24	186-1	252	1829	1914	4590
≥12	15	19	7	15	17	19	13	13	16	7	11	9	6	9	3	56	336-1	235	2649	2951	4638
≥9	12	5	12	6	8	4	7	7	11	5	8	10	5	4	3	74	486-1	181	3455	3897	4817
≥6	4	2	2		7	1	2	1	1	2	1	2	5	4	4	54	SEA-1	92	4037	4995	5300
≥3		2				1										10	SEA-5	13	2720	4855	4896

HOURS DURATION OF EVENTS

15 — 49.0N 128.4W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40	7	2	1														18-1	10	14	14	4545
≥34	6	6	7	3	1	1				1							60-1	25	72	72	4545
≥28	8	9	12	5	7	7	1	4		1				1			84-1	55	222	222	4545
≥24	18	10	8	6	13	6	6	8	3	5	2	1			1		90-1	87	419	419	4545
≥20	16	16	8	17	10	8	11	7	3	10	4	2	5		3	5	198-1	125	795	796	4547
≥16	25	11	17	12	12	21	7	11	10	8	4	1	6	6	3	20	264-1	174	1354	1384	4575
≥12	24	13	10	7	6	6	8	13	9	6	5	8	4	6	2	50	312-1	177	2167	2237	4603
≥9	11	16	9	8	5	6	6	3	8	8	6	5	2	6	4	56	498-3	159	[illegible]	3030	4660
≥6	14	10	7	8	4	5	6	1	3	4	1	3	5	4	1	62	1134-1	138	3381	3869	4711
≥3	3	1	2	2	4			3			2	1		1	1	33	SEA-2	53	3563	4842	5066

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4544
≥56																					4544
≥48																					4544
≥40																					4544
≥34																					4544
≥28																					4544
≥24																					4544
≥20																					4544
≥16	3																6-3	3	3	3	4544
≥12	23	3	1	2		1	1										42-1	31	53	54	4544
≥9	67	29	26	18	9	7	6	2	2	1	2		1				78-1	170	483	501	4550
≥6	71	51	48	23	24	24	15	11	10	12	3	2	6	5	5	5	300-1	315	1480	1531	4570
≥3	37	27	29	28	20	14	12	17	9	9	10	10	8	8	7	60	336-1	305	2931	3067	4632

HOURS DURATION OF EVENTS

18 — 45.6N 144.2W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56	1	1															12-1	2	3	3	4545
≥48	1		2														18-2	3	7	7	4545
≥40	6	1	1	1								1					72-1	10	27	27	4545
≥34	7	10	3	4	4							1					72-1	29	84	84	4545
≥28	26	13	15	6	8	8	4		1	1				1			84-1	83	270	270	4545
≥24	15	11	17	28	13	12	8	8	5	2	2	1			1		90-1	123	571	575	4545
≥20	19	16	23	16	13	14	18	11	11	5	7	2	2	2	3	9	162-1	171	1068	1079	4550
≥16	22	20	13	18	14	14	16	8	8	9	8	8	6	6	6	31	264-1	207	1805	1865	4564
≥12	14	14	8	5	14	18	7	7	4	6	3	5	6	5	5	57	972-1	176	[illegible]	[illegible]	4644
≥9	15	9	10	11	3	6	7	4	3	8	3	2	1		3	65	1092-1	150	[illegible]	3703	4794
≥6	13	5	3	4	3	3	1	4		2	5			1		50	1686-1	94	4054	5027	[illegible]
≥3			2	2	1		2									21	SEA-4	28	3332	5436	5520

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48	2	1															12-1	3	4	4	4545
≥40	3	1	4	1		1											36-1	10	27	27	4545
≥34	8	6	4	7	2		1	1									48-1	29	85	85	4545
≥28	18	8	15	5	10	9	1	1	1	1				1			84-1	70	251	255	4545
≥24	25	14	13	19	12	5	8	8	5	1	3	1				3	108-1	117	528	532	4562
≥20	23	30	18	20	20	16	13	10	6	8	3	3	2	1	1	7	156-1	181	983	996	4564
≥16	21	16	19	15	13	17	12	16	16	11	6	8	4	4	4	23	354-1	207	1720	1758	4569
≥12	22	15	18	15	13	9	10	4	10	9	7	7	5	6	6	52	594-1	208	2671	2877	4736
≥9	15	10	15	12	8	6	8	7	5	5	2	3	6	1	1	59	1110-1	163	3109	3474	4938
≥6	3	5	7	1	1	2		1	2	1	2	4	2	1		57	1206-1	89	3546	4872	5276
≥3																12	SEA-4	12	2680	5553	5580

HOURS DURATION OF EVENTS

21 — 43.7N 128.7W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48	1																6-1	1	1	1	4545
≥40	3			1	1												30-1	5	12	12	4545
≥34	7	5	4	2		1	1										42-1	20	50	50	4545
≥28	6	9	7	7	4	2		2	1	1			1				78-[illegible]	40	153	153	4545
≥24	15	15	8	7	3	10	4	5	1	1	1		1			1	96-[illegible]	72	[illegible]	[illegible]	4545
≥20	18	13	15	13	6	3	6	6	12	5	2	2	1		2	4	138-1	108	604	[illegible]	4545
≥16	18	13	18	12	12	11	7	7	8	4	4	7	3	3	1	15	222-1	145	1028	[illegible]	[illegible]
≥12	21	14	14	9	11	9	12	11	8	7	5	5	3	3	5	36	324-[illegible]	173	1627	[illegible]	4576
≥9	19	12	10	16	5	12	4	7	7	8	2	7	4	3	2	50	444-[illegible]	177	2574	[illegible]	[illegible]
≥6	11	7	7	8	8	2	5	7	3	3	2	5	1	3	4	56	1032-[illegible]	132	3128	[illegible]	4709
≥3	17	6	2	3	2	2			1	1		1	2	1	2	37	SEA-1	77	3659	5095	5417

HOURS DURATION OF EVENTS

WAVE HEIGHT DURATIONS (Cont'd)

22 42.8N 167.5W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48	1	1															12-3	4	7	7	4545
≥40	3	3	5	1													24-1	12	28	28	4545
≥34	5	6	2	4	6		1										42-1	24	76	80	4545
≥28	13	11	9	5	4	3	4	3	2	1	1						66-1	56	211	216	4545
≥24	26	18	14	17	7	6	8	5	3	3	1		1			2	120-1	111	456	465	4547
≥20	21	18	16	13	12	19	9	5	6	4	6	1	3	5		8	156-1	146	879	935	4554
≥16	30	19	13	9	12	17	11	7	10	8	7	8	1	3	2	24	312-1	183	1495	1586	4584
≥12	23	20	15	9	15	14	8	9	9	8	9	7	7	2	3	50	480-1	208	2322	2548	4624
≥9	13	13	6	10	10	4	9	7	10	7	2	5	4	4	5	72	1170-1	181	3333	3662	4891
≥6	13	2	4	3	2	7	1	4	3	3		3	3	3		60	2034-1	111	3590	4963	5433
≥3		1	1	2					1					1		21	SEA-6	27	3357	5468	5520

HOURS DURATION OF EVENTS

23 42.4N 172.1E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48	2		1														18-1	3	5	5	4545
≥40	2	2	5	2													24-2	11	29	29	4545
≥34	5	2	3	5	3		1										42-1	19	60	60	4545
≥28	17	20	10	6	5	6		1		1			1				78-1	67	203	205	4545
≥24	23	16	18	13	12	8	7	2	2	4		1	1			1	144-1	108	441	451	4550
≥20	30	26	27	19	19	12	11	10	4	1	6	3	5	1	1	1	150-1	176	830	842	4556
≥16	33	25	20	25	16	15	16	11	16	15	4	3	6	4		16	318-1	225	1478	1518	4575
≥12	29	24	20	20	16	13	13	16	15	10	14	11	9	4	3	39	396-1	256	2429	2508	4602
≥9	18	17	17	9	17	13	8	6	8	15	6	7	7	6	1	72	774-1	227	3350	3595	4842
≥6	10	11	5	3	6	11	6	2	4	1	3	4	8	4	3	50	1728-1	131	3986	4813	5378
≥3	3	1		2		2		2				1	3			19	SEA-7	33	3527	5675	5769

HOURS DURATION OF EVENTS

25 40.2N 131.2E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4544
≥56																					4544
≥48																					4544
≥40																					4544
≥34																					4544
≥28																					4544
≥24																					4544
≥20	3	1	1														18-1	5	8	8	4544
≥16	2	2	3			1		2									48-2	10	37	37	4544
≥12	10	5	2	3	2	2	1	1	2	1	1				1		90-1	31	129	129	4544
≥9	29	21	12	9	11	3	3	1	4		1		2	2		3	132-1	101	404	405	4564
≥6	57	37	30	14	17	10	11	4	10	4	3	2	1	1	3	12	198-1	216	1041	1053	4581
≥3	52	32	24	17	17	20	17	12	12	7	10	6	4	7	7	31	588-1	275	2238	2398	4673

HOURS DURATION OF EVENTS

26 39.5N 153.8E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34	1																6-1	1	1	1	4545
≥28	8	3	3	1													24-1	15	27	27	4545
≥24	6	4	4	7	4	1	2										42-2	28	94	94	4545
≥20	12	9	7	12	7	6	4	2	1								54-1	60	223	226	4545
≥16	24	24	23	13	10	14	12	7	3	3	4	1	1				78-1	139	593	602	4545
≥12	28	30	23	24	18	18	11	15	10	6	7	5	6	3		9	192-1	213	1250	1282	4585
≥9	35	23	19	26	16	22	16	15	14	11	10	14	9	8	5	28	270-1	271	2130	2191	4632
≥6	24	23	18	16	16	12	13	8	12	12	8	6	6	7	6	71	648-1	258	3226	3502	4815
≥3	2	7	2	3	5	2	2	1	2	3	1	3	3	2		41	SEA-3	79	4157	5606	5914

HOURS DURATION OF EVENTS

28 36.1N 123.8W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24				1													24-1	1	4	4	4545
≥20	6	5	2			1											36-1	14	28	28	4545
≥16	19	8	6	7	5	3	2	2	1				1				78-1	54	176	176	4546
≥12	22	14	11	10	20	4	10	8	5	6	2		3	1		1	114-1	117	580	580	4551
≥9	37	17	15	10	14	3	10	8	2	6	5	5	3	4	9	19	312-1	167	1227	1230	4562
≥6	37	17	18	9	13	13	7	9	7	8	5	3	3	2	6	51	354-1	208	2286	2381	4599
≥3	25	7	3	5	6	4	4	4	1	5	2	1	1	5	3	61	954-1	137	3536	3983	4829

HOURS DURATION OF EVENTS

29 35.9N 171.0W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48	1																6-1	1	1	1	4545
≥40		1	2														18-2	3	8	8	4545
≥34	1		1	2	1												30-1	5	17	17	4545
≥28	2	4	4	2	3	2	1										42-1	18	64	67	4545
≥24	7	4	3	4	5	5	5										42-5	33	130	134	4545
≥20	18	14	14	10		1	8	6	3	3				1			84-1	78	309	315	4545
≥16	19	24	13	12	11	10	9	14	5	3	2	1	3	2	1	7	216-1	136	787	803	4552
≥12	24	33	13	17	15	17	12	6	7	11	7	2	4	5	3	22	522-1	198	1590	1660	4633
≥9	35	17	18	14	12	17	9	8	8	9	6	14	5	6	2	45	1332-1	225	2516	2750	4831
≥6	22	9	5	5	7	9	6	9	6	8	3	4	2	6	6	62	690-1	169	3013	4103	5111
≥3	5	2	4		2	1	1	2	1	1	3			1	1	33	SEA-6	57	4070	5884	6083

HOURS DURATION OF EVENTS

31 35.6N 155.2W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4544
≥56																					4544
≥48																					4544
≥40																					4544
≥34	4	1															12-1	5	6	6	4544
≥28	5	7	5	4		2											36-2	23	62	65	4546
≥24	10	10	6	6	5	3	3	1	2								54-2	46	162	168	4550
≥20	14	11	16	4	9	4	2	3	4	2	3	1	2	1	1	1	144-1	78	387	395	4555
≥16	16	17	9	11	9	10	10	7	5	6		3	2			9	324-1	114	778	810	4558
≥12	25	16	20	16	10	11	11	7	7	9	7	4	4	1	5	25	366-1	178	1515	1637	4574
≥9	28	17	15	9	13	15	7	12	6	7	4	7	6	3	3	43	720-1	195	2334	2604	4662
≥6	19	15	12	11	3	3	4	5	5	4	2	2	2	7	3	56	948-1	153	3033	3914	5024
≥3	6	1	2	1	2		1	1	3	1	1	1	2		1	36	SEA-3	59	3625	5385	5614

HOURS DURATION OF EVENTS

32 35.4N 142.0W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34	2																6-2	2	2	2	4545
≥28	4	2	3	1		1											36-1	11	27	27	4545
≥24	7	3	3	5	1	2		1	1								54-1	23	76	76	4545
≥20	9	11	10	5	3		4	3	1	3	1	1					72-1	51	210	210	4545
≥16	25	10	15	8	7	2	5	4	3	2		2	1	1	3	5	210-1	93	493	493	4545
≥12	29	15	14	17	13	10	8	9	6	7	6	2	1	2	3	15	234-1	157	1056	1069	4546
≥9	23	18	10	16	10	15	12	14	7	9	3	5	5	5	2	30	408-2	184	1796	1885	4551
≥6	29	15	10	8	10	9	8	4	9	7	7	3	1	2	7	55	1200-1	184	2862	3060	4682
≥3	9	9	5	1	6	2	3	3	3	1	1		3	2		50	2082-1	98	3687	4717	5199

HOURS DURATION OF EVENTS

34 34.2N 155.1E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28				1		1											36-1	2	10	10	4545
≥24			1		1			1									48-1	3	16	16	4545
≥20	4	4	1		1	1	1			1							60-1	13	43	43	4545
≥16	11	10	4	5	6	2		2	1	3	2	1					72-1	47	194	195	4545
≥12	21	13	20	14	8	6	6	6	4	3	1	4	3	2	3	4	114-1	118	635	653	4569
≥9	35	35	32	23	16	8	12	11	3	4	8	4	2	2	6	21	366-1	222	1402	1450	4617
≥6	31	26	21	25	14	18	19	15	7	11	12	4	4	5	4	53	672-1	269	2655	2827	4750
≥3	11	10	5	6	3	5	1	2	3	3	6	1	1	3	2	62	SEA-2	124	4214	5092	5668

HOURS DURATION OF EVENTS

35 34.2N 163.8E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40		1															12-1	1	2	2	4545
≥34					1												30-1	1	5	5	4545
≥28	3	2				1											36-1	6	13	13	4545
≥24	1	3	2				1	1	1								54-1	9	37	37	4545
≥20	8	4	1	2	2	2				1	1	1					72-1	23	93	93	4545
≥16	17	10	9	9	5	3	4	2	1		2	1	2	1	1		90-1	67	285	285	4547
≥12	27	30	22	25	6	2	14	4	5	2	6	2	2	2	2	8	186-1	159	836	850	4577
≥9	39	35	21	22	22	15	14	8	8	6	5	4	5	4	4	27	546-1	239	1704	1736	4645
≥6	27	13	12	18	15	9	12	13	9	5	3	10	5	9	7	61	672-1	228	2892	3102	4737
≥3	11	6	4	6	2	5	2	1	4	2	3	3	4	2	1	43	SEA-4	99	4265	5606	5989

HOURS DURATION OF EVENTS

37 32.9N 119.4W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4543
≥56																					4543
≥48																					4543
≥40																					4543
≥34																					4543
≥28																					4543
≥24																					4543
≥20																					4543
≥16	1																6-1	1	1	1	4543
≥12	4	3	3	2		1	1										42-1	14	40	40	4543
≥9	25	10	12	5	3	3	2	2				1				1	[illegible]	64	199	199	4543
≥6	43	23	16	11	14	12	12	7	2	2	3	1	1	4	1	4	174-[illegible]	154	709	709	4551
≥3	52	44	23	15	11	6	17	7	10	12	4	8	4	5	8	38	342-[illegible]	264	2106	2157	4611

HOURS DURATION OF EVENTS

38 31.5N 127.7W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24	3	1															12-1	4	5	5	4545
≥20	2	5		1	3		1										42-1	12	38	38	4547
≥16	5	6	6		1	5	2	1	1				1				78-1	29	125	125	4550
≥12	22	10	11	3	15	3	3	4	1	2	2	4	1	1	1	4	144-1	87	451	451	4558
≥9	15	15	8	10	14	7	6	8	8	4	1	4	2	5	1	17	198-1	125	[illegible]	[illegible]	[illegible]
≥6	20	7	8	11	12	10	11	10	5	9	9	1	7	2	2	43	324-1	167	1928	[illegible]	4615
≥3	23	14	12	6	3	4	6	1	6	3	2	6	1	6	2	70	912-1	165	3603	3793	4961

HOURS DURATION OF EVENTS

40 29.6N 165.0W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34			1														18-1	1	3	3	4545
≥28	1	1		1													24-1	3	7	7	4545
≥24	2	1			1	1											36-1	5	15	18	4545
≥20	4	3	5	1		1	1										[illegible]	16	47	52	4545
≥16	17	10	8	9	3	2	3	2	2			1					72-1	55	185	189	4545
≥12	17	16	9	8	14	7	5	5	3	6	1	1		3	1	5	162-[illegible]	101	572	594	4560
≥9	[illegible]	18	12	12	14	11	11	9	8	4	5	7	4	5	5	20	222-[illegible]	179	1362	1418	4608
≥6	30	10	16	15	8	7	10	12	11	5	5	8	8	4	3	47	[illegible]	197	2708	3017	4987
≥3	12	11	8	2	3	1	6	3	3		4	2	2	3	2	50	SEA-[illegible]	112	3401	4980	5511

HOURS DURATION OF EVENTS

41 29.4N 134.9E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28	1																6-1	1	1	1	4545
≥24	1																6-1	1	1	1	4545
≥20	2		2														18-2	4	8	8	4545
≥16	1	4	1	2	1	1	1	1								1	96-1	13	62	62	4545
≥12	12	9	3	2	2	1	1	1	2		2					1	162-1	38	112	117	4545
≥9	7	11	11	5	11	6	5	3	5	2		3		2	1	8	186-1	66	556	561	4545
≥6	30	24	16	19	6	11	6	5	5	6	8	5	3	5	3	26	228-2	178	1457	1518	4545
≥3	29	14	10	8	3	6	3	7	5	7	3	1	4	3	3	75	1284-1	181	3160	3385	4656

HOURS DURATION OF EVENTS

23 — 42.4N 172.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48	2		1														18-1	3	5	5	4545
≥40	2	2	5	2													24-2	11	29	29	4545
≥34	5	2	3	5	3		1										42-1	19	60	60	4545
≥28	17	20	10	6	5	6		1		1			1				78-1	67	203	205	4545
≥24	23	16	18	13	12	8	7	2	2	4		1	1			1	144-1	108	441	451	4550
≥20	30	26	27	19	19	12	11	10	4	1	6	3	5	1	1	1	150-1	176	830	842	4556
≥16	33	25	20	25	16	15	16	11	16	15	4	3	6	4		16	318-1	225	1478	1518	4575
≥12	29	24	20	20	16	13	13	16	15	10	14	11	9	4	3	39	396-1	256	2429	2508	4602
≥9	18	17	17	9	17	13	8	6	8	15	6	7	7	6	1	72	774-1	227	3350	3595	4842
≥6	10	11	5	3	6	11	6	2	4	1	3	4	8	4	3	50	1728-1	131	3986	4813	5378
≥3	3	1		2		2		2				1	3			19	SEA-7	33	3527	5675	5769

HOURS DURATION OF EVENTS

24 — 41.0N 134.9W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40	1																6-1	1	1	1	4545
≥34	5	3	2	1	2												30-2	13	31	31	4545
≥28	8	6	8	3	4	1	1	1						1			84-1	33	111	111	4545
≥24	10	6	8	12	3	3	7	2	2	3					1		90-1	57	255	255	4545
≥20	18	13	10	9	10	7	9	6	7	2	3	2	2			3	138-1	101	541	541	4545
≥16	22	10	12	10	7	11	7	8	8	3	5	8	1	3		18	228-1	133	1036	1045	4546
≥12	18	19	19	11	11	11	7	8	5	8	5	4	2	3	4	39	528-1	174	1804	1896	4577
≥9	15	8	13	12	12	6	7	4	4	2	9	2	2	4	2	58	606-1	160	2390	2654	4593
≥6	17	9	11	7	6	2	5	1	4	3	4	2	3	3	3	56	1002-1	136	3063	3492	4707
≥3	9	6	1	4	1	5	4	2	1	4		3	1		1	42	SEA-1	84	3848	5043	5421

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34	1																6-1	1	1	1	4545
≥28	8	3	3	1													24-1	15	27	27	4545
≥24	6	4	4	7	4	1	2										42-2	28	94	94	4545
≥20	12	9	7	12	7	6	4	2	1								54-1	60	223	226	4545
≥16	24	24	23	13	10	14	12	7	3	3	4	1	1				78-1	139	593	602	4545
≥12	28	30	23	24	18	18	11	15	10	6	7	5	6	3		9	192-1	213	1250	1282	4585
≥9	35	23	19	26	16	22	16	15	14	11	10	14	9	8	5	28	270-1	271	2130	2191	4632
≥6	24	23	18	16	16	12	13	8	12	12	8	6	6	7	6	71	648-1	258	3226	3502	4815
≥3	2	7	2	3	5	2	2	1	2	3	1	3	3	2		41	SEA-3	79	4157	5606	5914

HOURS DURATION OF EVENTS

27 — 36.2N 127.4W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28	2	1															12-1	3	4	4	4545
≥24		3	2		1	1											36-1	7	23	23	4545
≥20	7	6	5	2	3	1		1	1	1							60-1	27	90	90	4545
≥16	12	13	13	3	8	5	5	2	1	1	1	1	1	1	1		90-1	68	294	294	4548
≥12	19	14	5	9	15	12	7	3	5	4	3	4	2	2	2	10	282-1	116	801	811	4555
≥9	27	25	13	13	10	5	10	12	8	3	8	4	3	3	6	29	294-1	179	1539	1562	4580
≥6	35	20	14	8	8	4	7	3	12	4	6	4	8	6	2	54	498-1	195	2610	2775	4633
≥3	7	6	2	7	4	3	2	3	3	2	2	1	2	2	4	60	1560-1	110	3515	4244	4926

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48	1																6-1	1	1	1	4545
≥40			2														18-2	3	8	8	4545
≥34	1		1	2	1												30-1	5	17	17	4545
≥28	2	4	4	2	3	2	1										42-1	18	64	67	4545
≥24	7	4	3	4	5	5	5										42-5	33	130	134	4545
≥20	18	14	14	10		1	8	6	3	3				1			84-1	78	309	315	4545
≥16	19	24	13	12	11	10	9	14	5	3	2	1	3	2	1	7	216-1	136	787	803	4552
≥12	24	33	13	17	15	17	12	6	7	11	7	2	4	5	3	22	522-1	198	1590	1660	4633
≥9	35	17	18	14	12	17	9	8	8	9	6	14	5	6	2	45	1332-1	225	2516	2750	4831
≥6	22	9	5	5	7	9	6	9	6	8	3	4	2	6	6	62	690-1	169	3013	4103	5111
≥3	5	2	4		2	1	1	2	1	1	3			1	1	33	SEA-6	57	4070	5884	6083

HOURS DURATION OF EVENTS

30 — 35.7N 176.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40			1														18-1	1	3	3	4545
≥34	1				1												30-1	2	6	6	4545
≥28	4	4	2		2	1											36-1	13	34	34	4545
≥24	7	3	3	4	4	3	1	1									48-1	26	91	91	4545
≥20	17	9	8	4	6	3	3	3	1	2	1					1	96-1	58	224	224	4546
≥16	21	20	12	13	10	11	5	1	6	1	2	2	3	1	2	2	138-1	112	545	549	4550
≥12	24	25	14	14	15	11	11	11	6	6	8	5	3	3	2	16	522-1	174	1261	1281	4635
≥9	29	18	18	18	16	20	10	9	8	12	10	4	4	3	4	35	1200-1	218	2115	2253	4788
≥6	31	19	17	11	10	9	9	9	3	14	6	7	7	1	6	56	798-1	215	2761	3522	4958
≥3	10	6	1	5	4	2	2	5	1	1	1	1	2			44	SEA-4	85	4401	5987	6360

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34	2																6-2	2	2	2	4545
≥28	4	2	3	1		1											36-1	11	27	27	4545
≥24	7	3		5		2											54-1	23	76	76	4545
≥20	9	11	10	5	3		4	3	1	3	1	1					72-1	51	210	210	4545
≥16	25	10	15	8	7	2	5	4	3	2		2	1	1	3	5	210-1	93	493	493	4545
≥12	29	12	14	17	13	10	8	9	6	7	6	2	1	2	3	15	234-1	157	1056	1069	4546
≥9	23	18	10	16	10	15	12	14	7	9	3	5	5	5	2	30	408-2	184	1704	1885	4551
≥6	28	15	20	8	10	9	6	4	7	5	4	3	7	4	4	55	2000-1	164	2862	4060	4682
≥3	2	3	5			2			1				3	2		50	2082-1	98	3687	4717	5199

HOURS DURATION OF EVENTS

33 — 34.6N 145.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28	1		1														18-1	2	4	4	4545
≥24	2	1			1												30-1	4	9	9	4545
≥20	1	2		2						1							60-1	7	30	30	4545
≥16	12	9	3	1	3	1	1			1	1	1					72-1	33	102	102	4545
≥12	25	19	15	7	9	8	4	3	1	1	1	2			1	2	132-1	98	388	394	4546
≥9	36	28	23	13	12	19	7	8	4	5	5	3	2	1	2	8	186-1	175	894	914	4550
≥6	30	36	26	19	26	12	15	16	10	11	8	8	2	4	7	22	264-1	188	1939	2038	4591
≥3	21	10	7	8	11	5	5	7	6	3	9	6	2	6	5	74	642-1	187	3543	3976	4893

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40	[illegible]																12-1	1	2	2	4545
≥34	[illegible]																30-1	[illegible]	5	5	4545
≥28	[illegible]																36-1	6	13	13	4545
≥24	[illegible]																54-1	9	37	37	4545
≥20	8	4		2	2	2				1	2	1					72-1	23	93	93	4545
≥16	[illegible]	10	9	9	5	3	4	2	1		2	1	2	1	1		90-1	67	285	285	4547
≥12	27	10	22	25	6	2	14	4	5	2	6	2	2	2	2	8	186-1	159	836	850	4577
≥9	39	35	29	22	22	15	14	8	8	6	5	4	5	4	4	27	546-1	239	1704	1736	4645
≥6	[illegible]	13	12	18	15	9	12	13	9	5	3	10	5	9	7	61	672-1	228	2892	3102	4737
≥3	[illegible]	6	4	6	2	5	2	1	4	2	3	3	4	2	1	43	SEA-4	99	4265	5606	5989

HOURS DURATION OF EVENTS

36 — 33.7N 123.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24																					4545
≥20																					4545
≥16	6	2	1														18-1	9	13	13	4545
≥12	15	8	8	5	4	3		2									48-2	45	129	129	4545
≥9	24	16	14	6	11	7	10	3	3					1		1	150-1	96	379	384	4546
≥6	27	22	19	18	16	14	11	18	7	9	10	4			1	7	186-1	183	1054	1063	4581
≥3	49	20	26	15	14	16	19	14	10	6	11	10	6	3	7	49	360-1	275	2414	2505	4630

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24	3	1															12-1	4	5	5	4545
≥20	2	2		1	3		1										42-1	12	38	38	4547
≥16	5	6	6		1	5	2	1	1		1		1				78-1	29	125	125	4550
≥12	22	10	11	3	15	3	3	4	1	2	2	4	1	1	1	4	144-1	87	451	451	4558
≥9	15	15	8	10	14	7	6	8	8	4	1	4	2	5	1	17	198-1	125	982	991	4584
≥6	20	7	8	11	12	10	11	10	5	9	9	1	7	2	2	43	324-1	167	1928	1986	4615
≥3	23	4	12	6	3	4	6	1	6	3	2	6	1	6	2	70	912-1	165	3603	3793	4961

HOURS DURATION OF EVENTS

39 — 29.9N 177.3W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34	3																6-3	3	3	3	4545
≥28	1		1	3			1										42-1	6	23	23	4545
≥24	1			3	2	1					1						66-1	8	40	40	4545
≥20	2	2	2	1	2	2	2		2				1				78-1	16	83	83	4549
≥16	8	9	5	2	4	3		2	2				1			3	114-1	39	187	191	4550
≥12	21	16	17	8	8	7	9	5	4	2	3	1		4	2	3	150-1	110	577	599	4551
≥9	26	19	14	15	11	10	11	11	6	6	8	7	2	4	4	18	246-1	172	1280	1354	4570
≥6	38	14	9	8	13	6	5	12	10	7	10	2	6	3	6	49	1476-1	198	2549	2711	4807
≥3	13	8	4	4	5	4	5	3	5	4	3	6	1	4	3	49	1044-1	121	3286	4367	5047

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28	1																6-1	1	1	1	4545
≥24	1																6-1	1	1	1	4545
≥20	2		2														18-2	4	8	8	4545
≥16	1	4	1	2	1	1	1	1								1	96-1	13	62	62	4545
≥12	12	9	3	2	2	1	1	1	2		2					3	162-1	38	182	187	4545
≥9	7	11	11	5	11	6	5	3	5	2		3		2	1	8	186-1	80	556	561	4545
≥6	30	24	16	19	6	11	6	5	5	6	8	5	3	5	3	26	228-2	178	1457	1518	4545
≥3	29	14	10	8	3	6	3	7	5	7	3	1	4	3	3	75	1284-1	181	3160	3345	4656

HOURS DURATION OF EVENTS

42 — 28.6N 139.2W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24	1	2		1													24-1	4	9	9	4545
≥20			1			2		1									48-1	4	23	23	4545
≥16	11	3	4	4	2	1	1		1	1	1			1			84-1	30	112	112	4545
≥12	16	10	8	7	4	3	3	1	3	2	1	2	2	2		5	222-1	69	394	394	4548
≥9	20	16	11	8	12	5	6	5	5	4	2		1	2	4	14	246-1	118	865	866	4553
≥6	37	18	13	15	17	17	10	12	9	10	3	6	3	3	4	37	396-1	214	2079	2121	4648
≥3	15	14	5	3	6	7	4	5	3	6	2	2	2	4	4	63	1050-1	145	3476	4037	4879

HOURS DURATION OF EVENTS

2

FALL

WAVE HEIG

43 — 28.2N 125.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24	3																6-3	3	3	3	4545
≥20	6	4	3		2	1											36-1	16	39	39	4545
≥16	11	10	6	2	4	2	5	2	1	1					1		90-1	45	174	174	4545
≥12	15	6	16	9	8	8	6	10		2	4	1	4	1		2	198-1	92	514	516	4547
≥9	30	16	11	12	10	8	11	11	7	5	4	10		3	3	17	264-1	158	1143	1172	4579
≥6	44	9	9	10	11	8	11	7	10	4	6	5	6	1	6	52	348-1	199	2231	2315	4630
≥3	28	3	8	3	3	4	6	3	2	4	6	3	1	2	5	62	1452-1	143	3590	3996	4979

HOURS DURATION OF EVENTS

44 — 27.9N 150.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24	1																6-1	1	1	1	4545
≥20	3	1			1	1											36-1	6	16	16	4545
≥16	4	1	2	2			1			1							60-1	11	37	47	4545
≥12	12	7	3	3	3	3	3	1	1	1					1		90-1	38	143	160	4545
≥9	19	10	11	9	6	6	4	6	4	4	3	3	1			4	156-1	90	493	520	4558
≥6	38	21	19	17	8	14	13	8	7	4	5	11	7	7	5	18	264-1	202	1455	1554	4573
≥3	30	8	8	8	5	8	6	10	5	2	10	3	5	1	2	63	864-1	174	3346	3753	4838

HOURS DURATION OF EVENTS

46 — 26.1N 170.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24				1													24-1	1	4	4	4545
≥20	3	1							1								54-1	5	14	14	4545
≥16	3		1	3	2			1			1		1				78-1	12	60	60	4545
≥12	10	2	3	8	2	6	6				1			1	1	2	210-1	42	243	243	4545
≥9	15	15	15	7	7	6	5	6	5	4	2	4	3	2	2	8	240-1	106	726	747	4548
≥6	37	11	12	8	13	6	8	7	8	5	4	5	5	1	4	41	492-1	175	1882	1987	4635
≥3	19	15	3	7	7	3	5	4	7	8	5	2	2	1	2	60	1308-1	152	3733	4114	5007

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24																					4545
≥20																					4545
≥16	1																6-1	1	1	1	4545
≥12	2	2	2		3		2		1								54-1	12	50	50	4548
≥9	8	4	2		4	1	5		1	2	3	2		1	1		90-1	34	198	198	4554
≥6	33	23	10	9	6	7	7	6	3	1	6	1	3	2	2	14	174-2	133	810	825	4583
≥3	59	20	13	14	4	8	10	10	2	10	5	2	3	3	3	64	840-1	230	2907	3103	4829

HOURS DURATION OF EVENTS

49 — 22.6N 128.0E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34	1		1														18-1	2	4	4	4545
≥28	1	3		1													24-1	5	11	11	4545
≥24	3	2	1			2		1									48-1	9	30	30	4545
≥20	5	3		1	3		2		1			1		1			84-1	17	79	79	4545
≥16	17	9	6	2	8	3	3	1	1		2	2			1	2	114-1	57	253	253	4545
≥12	33	14	10	11	10	9	2	4	6	3		6	4	2	5	13	180-1	132	869	883	4545
≥9	27	16	13	7	10	5	3	11	7	3	6	4	3	7	4	43	288-1	169	1857	1969	4558
≥6	23	7	3	3	6	3	3	3	6	3	1	2	5	1	1	57	1140-1	127	3227	3608	4825
≥3	8	2			2		1	1	2	2		1		1	2	23	SEA-3	45	3071	5165	5462

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24																					4545
≥20		1			1												30-1	2	7	7	4545
≥16	3	3		2			1										42-1	9	24	26	4545
≥12	5	6	5	3	2	2	1	1		1	2						66-2	28	113	119	4546
≥9	25	10	6	2	11	4	4	7	2		1	3	1			2	186-1	78	360	369	4547
≥6	69	24	22	11	12	11	9	6	8	8	6	2	6	7	1	17	228-1	219	1299	1348	4561
≥3	38	18	13	6	4	5	5	6	6	2	6	6	2	1	2	55	1170-1	175	3342	3689	4789

HOURS DURATION OF EVENTS

52 — 19.2N 127.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24	1	1															12-1	2	3	3	4545
≥20		3		1			1										42-1	5	17	17	4545
≥16	6	5		2	3	1		1	1								54-1	19	62	62	4548
≥12	12	6	6	3	5	3	2	2	2	2	2		2	1		1	108-1	49	245	246	4555
≥9	24	12	7	11	5	8	6	6	5	3	2	4	4	1	2	9	192-1	109	706	722	4577
≥6	60	19	25	7	17	15	12	12	9	2	6	5	4	7	4	37	498-1	241	2171	2253	4726
≥3	27	11	7	2	4	4	2	3	1	2	1	1		1	2	52	SEA-1	120	3855	4839	5275

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40	1	1															12-1	2	3	3	4545
≥34	3	2	5														18-5	10	22	22	4545
≥28	6	6	2	2	2	2	1	1	1		1						66-1	24	89	89	4545
≥24	9	10	9	5	3	1	2	1	1	1	3	1	1				78-1	47	196	196	4545
≥20	16	15	5	6	7	7	5	4	2	1	1	1	4	1	2	3	156-1	80	441	446	4545
≥16	29	13	7	6	6	4	6	6	3	6	2	6	3	4	4	10	258-1	115	816	841	4548
≥12	42	24	12	6	4	11	4	2	6	3	5	6	7	5	4	31	432-1	172	1666	1741	4600
≥9	36	13	10	4	2	6	6	5	4	4	2	3	3	5	1	52	1368-1	156	2734	3059	4874
≥6	28	7	4	5	4	1	3	1	1	1	2	3	3	1	2	40	1950-1	106	3212	4375	5266
≥3	13	5	1	2	1	1	1	1	1	1						18	SEA-4	45	2420	4741	4989

HOURS DURATION OF EVENTS

55 — 17.6N 138.5E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40	2																6-2	2	2	2	4545
≥34							1										42-1	1	7	7	4545
≥28	2							1									48-1	3	10	10	4545
≥24	2	4	2						1								54-1	9	25	25	4545
≥20	7	3	4	3	1	2			1					1			84-1	22	77	79	4545
≥16	15	2	4	4		6	3	2	1		1	1	1	1		1	[illegible]	42	202	207	4545
≥12	15	21	5	9	4	4		2	1	1	3	1	2	3	2	8	[illegible]	81	491	500	4545
≥9	27	16	9	5	10	12	8	8	6	4	6	3	2	1	5	24	354-1	146	1257	1329	4559
≥6	26	11	15	7	2	5	4	5	6	1	5	3	4	2		58	684-1	154	2783	2987	4627
≥3	11	9	3		1	3	2	3	3		1	1	2	1	1	35	SEA-2	76	3484	5013	5513

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24																					4545
≥20																					4545
≥16		1															12-1	1	2	2	4545
≥12	1	1	1	1													24-1	4	10	10	4545
≥9	13	7		1	3	1	1		1								54-1	27	68	68	4545
≥6	25	20	8	4	2	5	3	2	2	3	1		1	1	1	3	138-1	81	345	353	4552
≥3	67	29	24	18	12	9	10	6	6	6	5	3	2	2	3	38	438-1	240	1967	2093	4[illegible]43

HOURS DURATION OF EVENTS

58 — 14.5N 127.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4541
≥56																					4541
≥48																					4541
≥40																					4541
≥34		1															12-1	1	2	2	4541
≥28	2		2	1	1												30-1	6	17	17	4541
≥24	2	1	2	1	1	1	1		1								54-1	12	45	45	4541
≥20	1	5	3	1	1	2		2	1		2		1			1	96-1	20	117	117	4541
≥16	9	6	6	3	4	3	1		5			2	1	2	2	2	126-1	46	275	276	4541
≥12	13	8	16	5	8	4	7	6	6	4	5	2	5		2	10	240-1	101	778	839	4550
≥9	13	4	5	4	6	5	2	1	3	2	4	3	4	6	2	39	558-1	103	1684	1871	4698
≥6	23	6	5	4	8	3	4		5	1	5	3	1	2	2	46	960-1	118	2653	3210	4904
≥3	15	5	1	1		1	2	2	3	3		1	1	1		28	SEA-3	64	2896	5054	5520

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24																					4545
≥20																					4545
≥16																					4545
≥12	6	1	4	1	1	2											36-2	15	41	44	4546
≥9	19	11	5	6	2		1	2	1	4	1	1	1	1	1	6	[illegible]-1	62	384	390	4592
≥6	54	17	22	6	8	4	7		2	4	8	5	3	4	3	31	510-1	178	1694	1740	4660
≥3	31	7	11	2	2	5	1	1	1	2	2	4	2	1	3	44	SEA-1	119	3732	4586	5386

HOURS DURATION OF EVENTS

61 — 12.0N 156.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24				1													24-1	1	4	4	4545
≥20									1								54-1	2	9	9	4545
≥16												1					72-1	1	12	12	4545
≥12	1	1	3	3	2	1	3		2		1				1	1	96-1	19	121	121	4549
≥9	18	12	11	8	5	2	3	3	3	3		3		1		11	174-2	80	545	550	4557
≥6	47	18	14	11	6	3	4	6	3	7	6	2	3	2	2	44	810-1	165	2245	2384	4770
≥3	15	13	7	4	3	2	1	4	3	1	1	3		2	2	28	SEA-2	85	3106	4569	5136

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

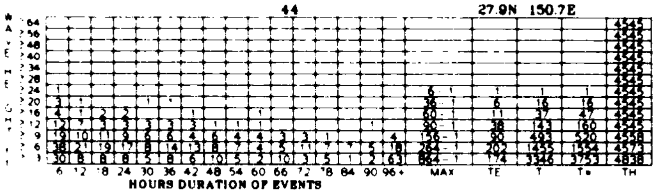
WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					4545
≥56																					4545
≥48																					4545
≥40																					4545
≥34																					4545
≥28																					4545
≥24		1			1												30-1	2	7	7	4545
≥20		2		1	2	1	1		1			1					72-1	6	52	52	4545
≥16	2	3	3	1	5	2	2	1	2	2			1	1		2	210-[illegible]	27	201	201	4551
≥12	6	2	4	5	2	1	2	2	6	3	1	7		4		12	372-[illegible]	57	671	716	4630
≥9	8	10	6	4	8	5	4	3	1	4		3		1	5	25	660-[illegible]	67	1280	[illegible]	4745
≥6	10	6	7	4	2	6	3	3		5	1	2	6	4	3	38	924-[illegible]	99	2272	[illegible]	5042
≥3	7	6	3	6	3	4	4	4	1	3	3	3	1	1		28	2100-1	77	3025	4370	5679

HOURS DURATION OF EVENTS

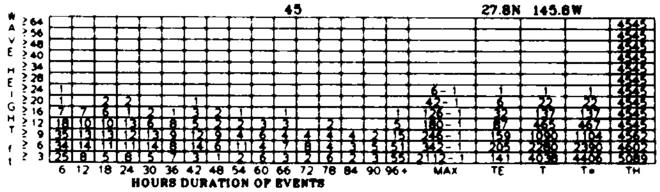
3

WAVE HEIGHT DURATIONS (Cont'd)

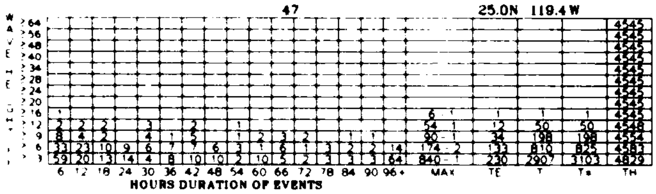
44 — 27.9N 150.7E



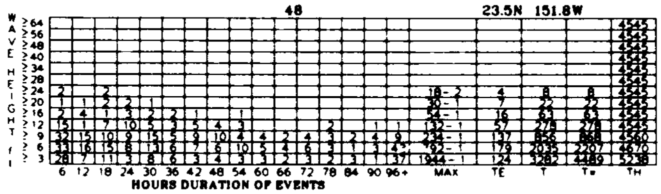
45 — 27.8N 145.8W



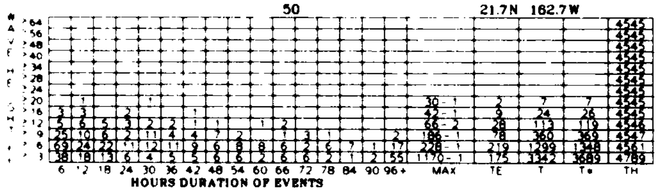
47 — 25.0N 119.4W



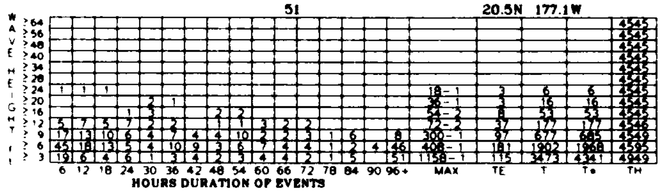
48 — 23.5N 151.8W



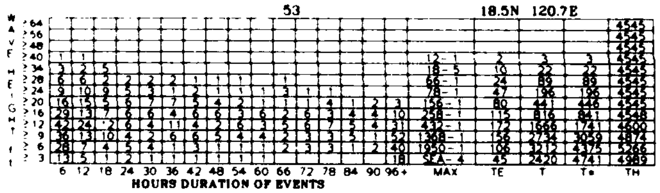
50 — 21.7N 162.7W



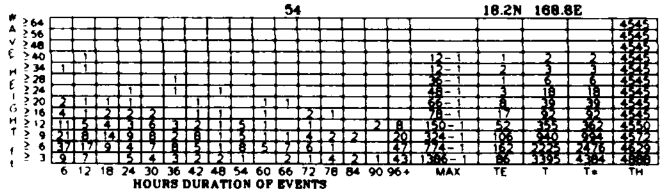
51 — 20.5N 177.1W



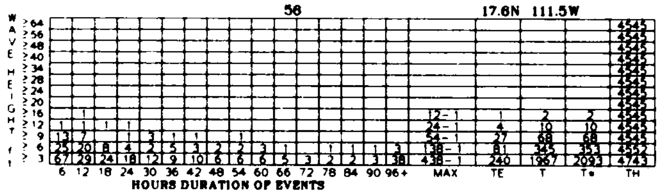
53 — 18.5N 120.7E



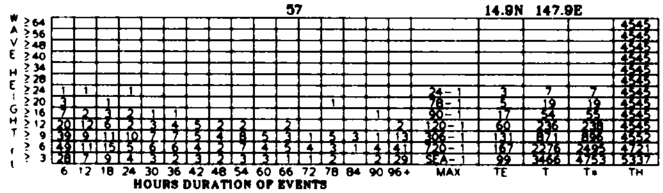
54 — 18.2N 168.8E



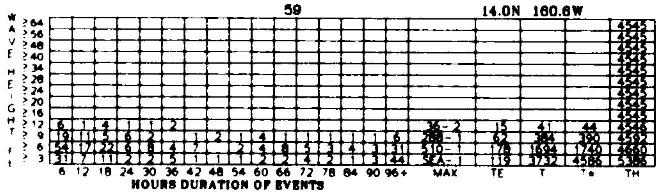
56 — 17.6N 111.5W



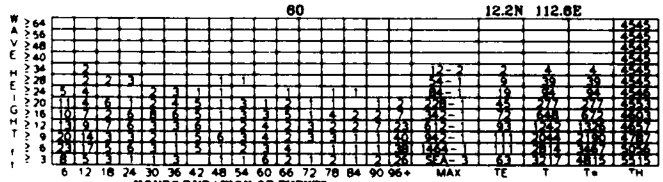
57 — 14.9N 147.9E



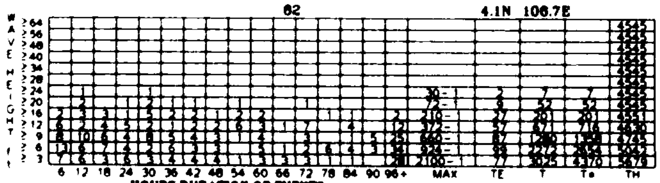
59 — 14.0N 160.6W



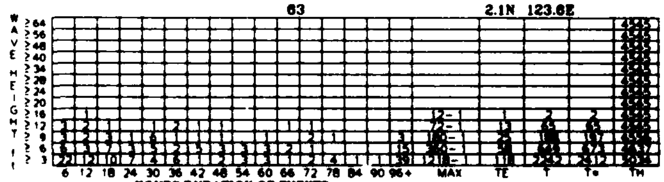
60 — 12.2N 112.6E



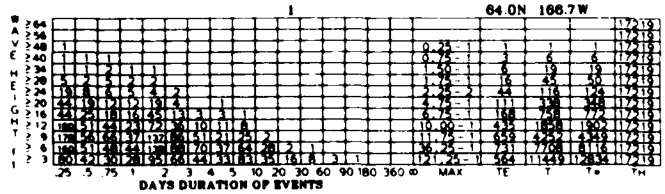
62 — 4.1N 106.7E

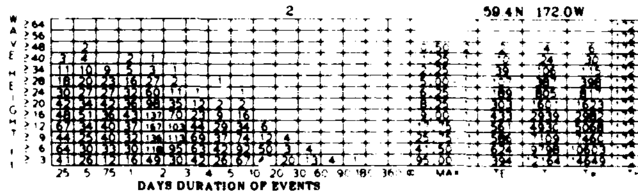


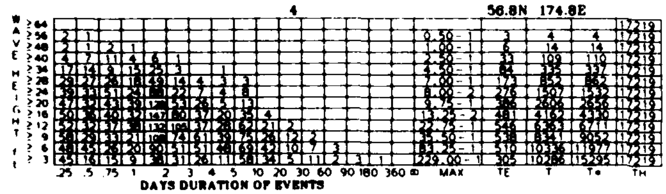
63 — 2.1N 123.6E

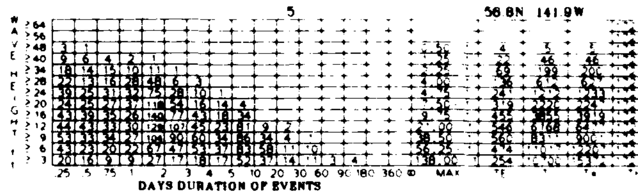


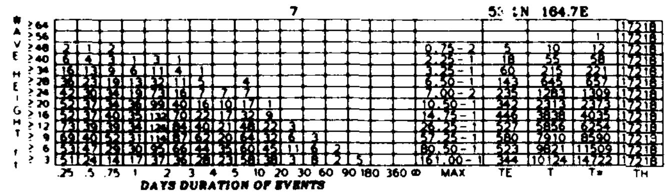
WAVE HEIGHT DURATIONS

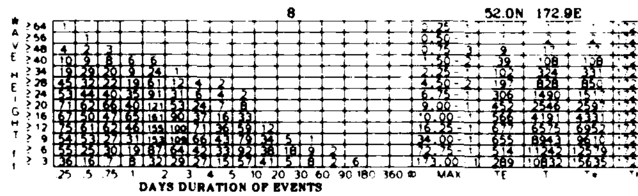


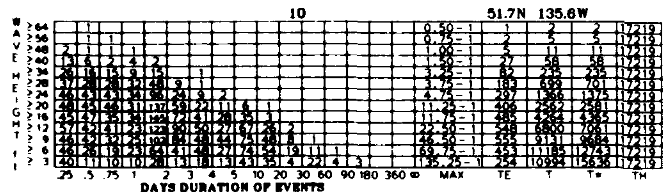


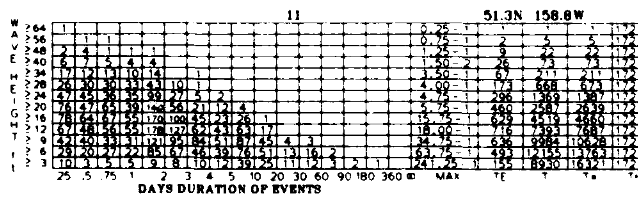


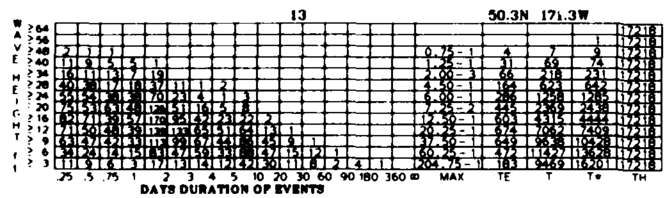


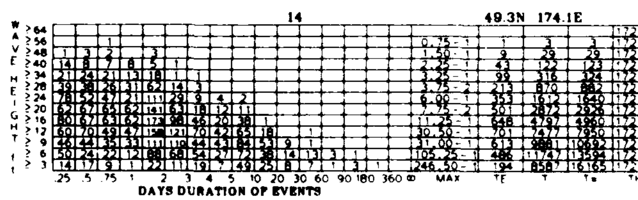


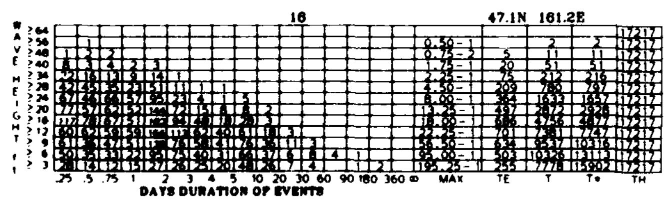


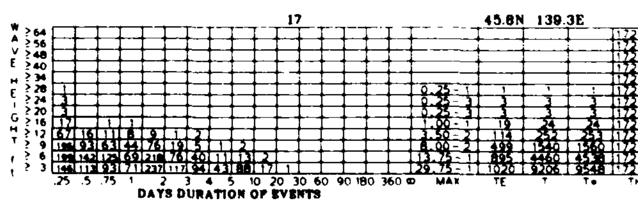


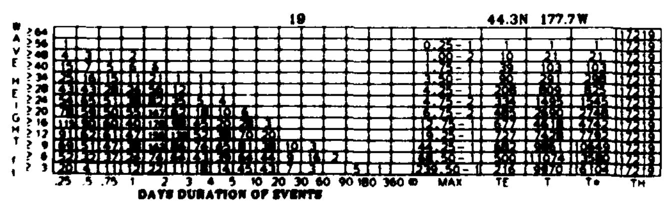


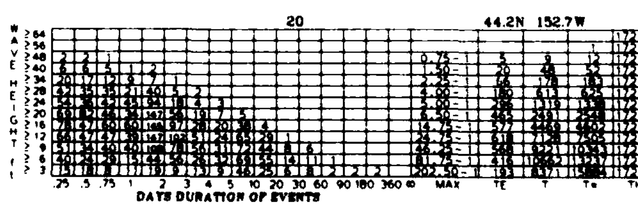












2 — 59.4N 172.0W

MAX	TE	T	Te	TH
0.50 - 2	2	4	6	17217
0.75 - 1	10	24	30	17217
2.25 - 1	39	105	112	17217
5.00 - 1	107	387	398	17217
6.25 - 1	189	805	817	17217
8.25 - 1	303	1601	1623	17217
9.00 - 1	433	2939	2981	17217
17.75 - 1	528	4905	4988	17217
12.75 - 1	586	7109	7460	17217
41.50 - 1	624	9798	10603	17217
95.00 - 1	394	12164	14449	17217

DAYS DURATION OF EVENTS

3 — 58.5N 151.6W

MAX	TE	T	Te	TH
				17219
0.50 - 2	2	4	4	17219
1.00 - 1	4	9	9	17219
1.25 - 3	11	33	33	17219
1.50 - 5	36	107	107	17219
3.00 - 1	87	375	376	17219
3.75 - 1	159	775	777	17219
6.00 - 1	256	1408	1425	17219
14.75 - 1	369	2527	2571	17219
27.25 - 1	546	4462	4576	17219
40.00 - 1	645	6504	6774	17219
55.00 - 1	691	9378	9867	17219
93.00 - 1	512	11872	13772	17219

DAYS DURATION OF EVENTS

5 — 56.8N 141.9W

MAX	TE	T	Te	TH
0.50	4	5	5	17219
0.75	22	46	46	17219
2.25	69	199	200	17219
4.00	136	612	627	17219
4.75	241	1212	1233	17219
5.50	319	2220	2247	17219
5.75	455	3886	3919	17219
[illegible]	525	[illegible]	[illegible]	17219
21.00	546	8188	[illegible]	17219
38.50	560	8311	9001	17219
56.25	474	11017	12207	17219
38.00	254	10700	15372	17219

DAYS DURATION OF EVENTS

6 — 54.9N 167.1W

MAX	TE	T	Te	TH
				17217
				17217
			1	17217
0.75 - 3	15	28	33	17217
1.50 - 1	42	106	119	17217
2.50 - 1	122	389	406	17217
4.25 - 1	205	845	867	17217
5.50 - 1	336	1702	1742	17217
13.00 - 1	513	3247	3329	17217
19.00 - 1	561	[illegible]	[illegible]	17217
19.75 - 1	698	8453	[illegible]	17217
53.00 - 1	593	11240	12759	17217
168.75 - 1	277	10362	15709	17217

DAYS DURATION OF EVENTS

8 — 52.0N 172.9E

MAX	TE	T	Te	TH
0.25	1	1	1	17218
0.50	1	2	2	17218
0.75 - 3	9	17	17	17218
1.50 - 2	39	108	108	17218
2.25 - 1	102	324	331	17218
4.50 - 2	197	828	850	17218
6.75 - 1	306	1490	1517	17218
9.00 - 1	432	2546	2597	17218
10.00	[illegible]	[illegible]	[illegible]	17218
16.25	582	6574	6952	17218
34.00	655	8943	9610	17218
72.75	514	11242	12279	17218
173.00	289	10832	15635	17218

DAYS DURATION OF EVENTS

9 — 51.7N 158.8E

MAX	TE	T	Te	TH
				17218
0.25 - 1	1	1	1	17218
0.50 - 2	4	6	8	17218
1.00 - 3	12	30	33	17218
1.75 - 1	27	89	93	17218
3.00 - 1	87	282	288	17218
3.25 - 1	170	626	635	17218
6.25 - 1	292	1313	1350	17218
8.00 - 1	393	2631	2691	17218
12.25 - 1	552	4706	4857	17218
18.50 - 1	613	6839	7194	17218
37.75 - 1	633	9758	10460	17218
97.50 - 1	415	11687	14400	17218

DAYS DURATION OF EVENTS

11 — 51.3N 158.6W

MAX	TE	T	Te	TH
0.25 - 1	1	1	1	17219
0.75 - 1	2	5	5	17219
1.25 - 1	9	22	22	17219
1.50 - 2	26	73	73	17219
3.50 - 1	67	211	211	17219
4.00 - 1	173	668	673	17219
4.75 - 1	296	1369	1381	17219
7.00 - 1	450	2587	2639	17219
15.75 - 1	629	4519	4660	17219
18.00 - 1	716	7393	7687	17219
34.75 - 1	636	9984	10628	17219
63.75 - 1	493	12155	13763	17219
241.25 - 1	155	8930	16321	17219

DAYS DURATION OF EVENTS

12 — 50.9N 145.6W

MAX	TE	T	Te	TH
0.25 - 1	1	1	1	17219
0.75 - 1	5	8	8	17219
1.00 - 6	26	63	63	17219
1.75 - 1	84	233	234	17219
3.75 - 1	197	766	777	17219
4.50 - 1	319	1538	1556	17219
8.50 - 1	449	2858	2878	17219
18.00 - 1	576	4931	4998	17219
22.00 - 1	587	7515	7963	17219
32.25 - 1	558	9765	10728	17219
64.50 - 1	395	11734	13788	17219
171.50 - 1	157	9710	16161	17219

DAYS DURATION OF EVENTS

14 — 49.3N 174.1E

MAX	TE	T	Te	TH
0.75 - 1	1	3	3	17219
1.50 - 1	9	29	29	17219
2.25 - 1	43	122	123	17219
3.25 - 1	99	316	324	17219
3.75 - 2	213	870	882	17219
6.00 - 1	353	1612	1649	17219
7.75 - 2	501	2866	2936	17219
11.25 - 1	648	4797	4960	17219
30.50 - 1	701	7477	7950	17219
31.00 - 1	613	9881	10892	17219
105.25 - 1	466	11747	13594	17219
246.50 - 1	194	8587	16165	17219

DAYS DURATION OF EVENTS

15 — 49.0N 128.4W

MAX	TE	T	Te	TH
0.50 - 1	1	2	2	17219
1.50 - 1	15	27	27	17219
2.50 - 1	48	128	128	17219
4.25 - 1	109	419	419	17219
5.75 - 1	191	859	859	17219
8.25 - 1	289	1718	1727	17219
12.50 - 1	386	3092	3156	17219
17.50 - 1	450	5214	5415	17219
21.00 - 1	482	7320	7834	17219
47.25 - 1	521	10224	11244	17219
126.25 - 1	309	11762	14946	17219

DAYS DURATION OF EVENTS

17 — 45.8N 139.3E

MAX	TE	T	Te	TH
0.25 - 1	1	1	1	17217
0.50 - 3	3	3	3	17217
0.75 - 3	3	3	3	17217
1.00 - 1	19	24	24	17217
2.50 - 2	114	252	253	17217
8.00 - 2	499	1540	1560	17217
16.75 - 1	895	4466	4528	17217
29.75 - 1	1020	6206	9248	17217

DAYS DURATION OF EVENTS

18 — 45.6N 144.2W

MAX	TE	T	Te	TH
0.50 - 1	2	3	4	17218
0.75 - 2	6	11	13	17218
3.00 - 1	18	44	48	17218
3.00 - 1	62	170	175	17218
4.50 - 1	172	502	509	17218
6.25 - 1	243	1102	1130	17218
10.50 - 1	425	2435	2500	17218
14.25 - 1	514	4409	4538	17218
21.00 - 1	542	6937	7336	17218
45.50 - 1	518	9053	10026	17218
108.00 - 1	367	11154	13052	17218
204.50 - 1	184	10212	14706	17218

DAYS DURATION OF EVENTS

20 — 44.2N 152.7W

MAX	TE	T	Te	TH
0.75 - 1	5	9	12	17218
1.50 - 1	20	48	52	17218
2.25 - 1	66	178	183	17218
4.00 - 1	180	619	633	17218
4.25 - 1	296	1319	1352	17218
6.50 - 1	485	2491	2548	17218
14.75 - 1	577	4499	4602	17218
24.75 - 1	618	7128	7505	17218
33.75 - 1	588	9321	10343	17218
101.50 - 1	400	10892	12463	17218
202.50 - 1	193	8471	[illegible]	17218

DAYS DURATION OF EVENTS

21 — 43.7N 128.7W

MAX	TE	T	Te	TH
0.75 - 1	2	4	4	17218
1.75 - 1	9	22	22	17218
2.25 - 1	42	112	112	17218
[illegible]	[illegible]	[illegible]	[illegible]	17218
[illegible]	[illegible]	[illegible]	[illegible]	17218
[illegible]	[illegible]	[illegible]	[illegible]	17218
[illegible]	[illegible]	[illegible]	[illegible]	17218
[illegible]	[illegible]	[illegible]	[illegible]	17218
[illegible]	[illegible]	[illegible]	[illegible]	17218
[illegible]	[illegible]	[illegible]	[illegible]	17218
178.50 - 1	[illegible]	[illegible]	[illegible]	17218

DAYS DURATION OF EVENTS

2

ANNUAL

WAVE HEIG

22 — 42.8N 167.5W

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																					17219
≥56																					17219
≥48	1	1															0.50 - 3	4	7	7	17219
≥40	5	5	6	3													1.00 - 3	24	51	51	17219
≥34	18	8	12	8	11												1.75 - 2	57	161	165	17219
≥28	40	27	24	13	40	7											2.75 - 2	151	532	541	17219
≥24	54	52	54	36	77	20	6	1									5.00 - 1	280	1177	1198	17219
≥20	53	52	49	43	121	54	24	7	4								7.00 - 1	407	2368	2441	17219
≥16	90	50	50	33	151	92	30	17	30	4							13.00 - 1	547	4101	4266	17219
≥12	67	65	53	45	180	97	55	32	65	20	3						28.25 - 1	662	6993	7384	17219
≥9	58	37	42	35	118	84	63	31	98	37	4	5					48.75 - 1	608	9370	10319	17219
≥6	48	25	25	17	67	52	51	38	75	43	14	9	3				84.75 - 1	465	10991	13427	17219
≥3	24	9	6	4	21	15	13	12	40	25	10	7	1	2	2		236.75 - 1	191	8746	16043	17219

DAYS DURATION OF EVENTS

23 — 42.4N 172.1E

DAYS DURATION OF EVENTS

25 — 40.2N 131.2E

DAYS DURATION OF EVENTS

26 — 39.5N 153.8E

DAYS DURATION OF EVENTS

28 — 36.1N 123.8W

DAYS DURATION OF EVENTS

29 — 35.9N 171.0W

DAYS DURATION OF EVENTS

31 — 35.6N 155.2W

DAYS DURATION OF EVENTS

32 — 35.4N 142.0W

DAYS DURATION OF EVENTS

34 — 34.2N 155.1E

DAYS DURATION OF EVENTS

35 — 34.2N 163.8E

DAYS DURATION OF EVENTS

37 — 32.9N 119.4W

DAYS DURATION OF EVENTS

38 — 31.5N 127.7W

DAYS DURATION OF EVENTS

40 — 29.6N 165.0W

DAYS DURATION OF EVENTS

41 — 29.4N 134.9E

DAYS DURATION OF EVENTS

WAVE HEIGHT DURATIONS (Cont'd)

23 — 42.4N 172.1E

Wave height	MAX	TE	T	T*	TH
>64					17218
>56	0.50-2	2	4	6	17218
>48	1.25-1	8	18	25	17218
>40	2.00-1	32	94	103	17218
>34	2.50-1	57	199	210	17218
>28	3.25-2	171	588	603	17218
>24	6.00-1	284	1174	1208	17218
>20	6.25-1	470	2312	2396	17218
>16	6.25-1	623	3944	4160	17218
>12	16.50-2	717	6618	6969	17218
>9	32.25-1	714	8986	9738	17218
>6	72.00-1	582	10658	12735	17218
>3	133.50-1	285	8753	15793	17218

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

24 — 41.0N 134.9W

Wave height	MAX	TE	T	T*	TH
>64					17219
>56					17219
>48	0.75-1	1	3	3	17219
>40	1.00-1	3	7	7	17219
>34	1.75-1	26	67	67	17219
>28	3.50-1	70	236	236	17219
>24	4.00-2	137	549	549	17219
>20	5.75-1	221	1209	1229	17219
>16	9.50-1	328	2379	2409	17219
>12	22.75-1	427	4433	4586	17219
>9	31.00-1	469	6423	6866	17219
>6	41.75-1	480	8926	9957	17219
>3	108.50-1	372	11296	14081	17219

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

26 — 39.5N 153.8E

Wave height	MAX	TE	T	T*	TH
>64					17220
>56					17220
>48	0.75-1	1	3	3	17220
>40	1.75-1	4	11	11	17220
>34	2.25-1	20	49	49	17220
>28	5.50-1	64	197	199	17220
>24	6.00-1	133	456	464	17220
>20	6.00-1	243	1027	1052	17220
>16	6.50-1	453	2239	2273	17220
>12	9.50-1	640	4291	4408	17220
>9	20.50-1	774	6920	7177	17220
>6	44.00-1	750	10094	10852	17220
>3	156.00-1	369	11217	14955	17220

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

27 — 36.2N 127.4W

Wave height	MAX	TE	T	T*	TH
>64					17219
>56					17219
>48					17219
>40					17219
>34	0.25-1	1	1	1	17219
>28	1.50-1	5	15	15	17219
>24	2.25-1	25	69	69	17219
>20	3.00-1	81	271	271	17219
>16	4.50-1	185	802	806	17219
>12	11.75-1	386	2358	2379	17219
>9	13.25-1	587	5006	5110	17219
>6	24.50-1	653	9310	9669	17219
>3	65.00-1	370	12663	14926	17219

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

29 — 35.9N 171.0W

Wave height	MAX	TE	T	T*	TH
>64					17220
>56					17220
>48	0.25-1	1	1	1	17220
>40	0.75-2	4	9	9	17220
>34	1.25-4	15	43	43	17220
>28	1.50-2	55	170	173	17220
>24	4.75-1	103	380	384	17220
>20	5.75-1	220	903	917	17220
>16	15.25-1	351	2027	2056	17220
>12	27.00-1	503	4118	4230	17220
>9	55.50-1	600	6222	6628	17220
>6	50.75-1	610	8488	10018	17220
>3	159.75-1	395	10432	14176	17220

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

30 — 35.7N 176.1E

Wave height	MAX	TE	T	T*	TH
>64					17220
>56					17220
>48	0.25-1	1	1	1	17220
>40	0.75-1	3	7	7	17220
>34	1.25-2	11	27	27	17220
>28	1.75-1	44	114	114	17220
>24	2.25-2	85	294	294	17220
>20	4.00-1	173	682	686	17220
>16	6.00-1	317	1583	1621	17220
>12	21.75-1	508	3532	3616	17220
>9	50.00-1	590	5686	6040	17220
>6	62.25-1	665	8176	9466	17220
>3	122.75-1	475	10474	13889	17220

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

32 — 35.4N 142.0W

Wave height	MAX	TE	T	T*	TH
>64					17219
>56					17219
>48					17219
>40					17219
>34	0.50-3	8	11	11	17219
>28	1.75-1	28	73	73	17219
>24	3.00-1	63	206	206	17219
>20	4.75-1	133	547	547	17219
>16	12.25-1	226	1290	1290	17219
>12	19.50-1	377	2678	2704	17219
>9	19.00-1	482	4531	4656	17219
>6	50.00-1	561	7040	7654	17219
>3	86.75-1	529	10583	12383	17219

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

33 — 34.6N 145.9E

Wave height	MAX	TE	T	T*	TH
>64					17220
>56					17220
>48					17220
>40	0.75-1	1	3	3	17220
>34	1.00-1	3	7	7	17220
>28	1.50-1	10	32	32	17220
>24	4.00-1	20	77	77	17220
>20	7.25-1	45	202	202	17220
>16	7.75-1	139	533	538	17220
>12	8.50-1	362	1647	1671	17220
>9	10.75-1	608	3637	3690	17220
>6	16.75-1	840	7369	7631	17220
>3	61.75-1	609	11190	13226	17220

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

35 — 34.2N 163.8E

Wave height	MAX	TE	T	T*	TH
>64					17220
>56					17220
>48	0.25-1	1	1	1	17220
>40	1.00-1	3	7	7	17220
>34	1.25-2	6	17	17	17220
>28	2.00-1	25	66	66	17220
>24	3.00-1	57	200	200	17220
>20	3.25-1	128	488	488	17220
>16	7.00-1	269	1212	1229	17220
>12	10.00-1	489	2910	3003	17220
>9	25.00-1	673	5452	5601	17220
>6	53.25-1	681	8593	9303	17220
>3	144.50-1	444	10843	14000	17220

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

36 — 33.7N 123.9E

Wave height	MAX	TE	T	T*	TH
>64					17218
>56					17218
>48					17218
>40					17218
>34					17218
>28					17218
>24	0.25-1	1	1	1	17218
>20	1.00-1	4	4	4	17218
>16	2.00-1	20	36	36	17218
>12	3.00-1	50	155	155	17218
>9	6.25-1	313	1175	1191	17218
>6	9.75-2	596	3314	3372	17218
>3	15.25-1	964	7962	8155	17218

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

38 — 31.5N 127.7W

Wave height	MAX	TE	T	T*	TH
>64					17219
>56					17219
>48					17219
>40					17219
>34					17219
>28					17219
>24	0.50-3	6	9	9	17219
>20	1.75-1	27	73	73	17219
>16	3.25-1	88	314	314	17219
>12	6.00-1	245	1291	1297	17219
>9	9.25-1	412	3134	3225	17219
>6	18.50-2	621	7013	7353	17219
>3	43.75-1	515	11995	13423	17219

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

39 — 29.9N 177.3W

Wave height	MAX	TE	T	T*	TH
>64					17220
>56					17220
>48					17220
>40					17220
>34	0.50-2	5	7	7	17220
>28	2.00-1	17	57	57	17220
>24	2.75-2	29	120	120	17220
>20	2.00-1	65	279	279	17220
>16	6.75-1	83	661	685	17220
>12	13.00-1	289	1786	1833	17220
>9	30.75-1	428	3534	3686	17220
>6	61.50-1	571	6334	6807	17220
>3	68.50-1	524	10624	12553	17220

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

41 — 29.4N 134.9E

Wave height	MAX	TE	T	T*	TH
>64					17220
>56					17220
>48					17220
>40					17220
>34	0.75-1	1	3	3	17220
>28	1.25-1	4	8	8	17220
>24	1.50-1	10	27	27	17220
>20	2.50-1	27	77	77	17220
>16	5.00-1	46	257	257	17220
>12	8.75-1	167	819	824	17220
>9	13.50-1	332	2128	2147	17220
>6	16.25-1	655	5327	5461	17220
>3	53.50-1	684	11284	11924	17220

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

42 — 28.6N 139.2W

Wave height	MAX	TE	T	T*	TH
>64					17219
>56					17219
>48					17219
>40					17219
>34					17219
>28	0.25-1	1	1	1	17219
>24	1.00-2	7	16	16	17219
>20	2.25-1	[illegible]	[illegible]	[illegible]	17219
>16	4.00-1	[illegible]	[illegible]	[illegible]	17219
>12	6.25-1	[illegible]	[illegible]	[illegible]	17219
>9	13.00-1	[illegible]	[illegible]	2317	17219
>6	21.00-1	[illegible]	[illegible]	[illegible]	17219
>3	48.75-1	[illegible]	[illegible]	[illegible]	17219

DAYS DURATION OF EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞

WAVE HEIGHT DURATIONS (Cont'd)

43 — 28.2N 125.9E

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17219
≥56																					17219
≥48																					17219
≥40																					17219
≥34																					17219
≥28	1	2															0.50-2	3	5	5	17219
≥24	6	1	2	1	1												1.25-1	11	23	23	17219
≥20	8	10	5	1	9												2.00-1	33	99	99	17219
≥16	28	22	18	11	25	6	4										3.75-1	114	435	437	17219
≥12	46	29	29	27	74	19	9	3	6								8.75-1	242	1315	1329	17219
≥9	82	50	44	31	114	60	24	12	13	3							12.50-1	433	2854	2920	17219
≥6	116	49	35	40	151	69	42	32	59	15							14.50-1	608	5738	5974	17219
≥3	142	49	41	20	102	92	46	34	95	45	9	4	1				60.50-1	680	10083	10944	17219

DAYS DURATION OF EVENTS

44 — 27.9N 150.7E

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17218
≥56																					17218
≥48																					17218
≥40																					17218
≥34																					17218
≥28	1	1															0.50-1	2	3	3	17218
≥24	1	5	3	1													1.00-1	10	24	24	17218
≥20	7	3	3	1	7	2											2.75-1	23	85	85	17218
≥16	18	8	5	10	14	4	1										3.50-1	60	232	242	17218
≥12	34	20	20	12	43	20	6	1									4.25-1	156	781	805	17218
≥9	78	40	41	21	78	49	18	10	10								8.75-1	345	2059	2127	17218
≥6	121	62	54	54	136	72	55	34	46	8							18.00-1	642	5335	5560	17218
≥3	117	54	46	31	82	65	37	34	96	47	21	3					[illegible]	633	10811	12053	17218

DAYS DURATION OF EVENTS

46 — 26.1N 170.8E

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17220
≥56																					17220
≥48																					17220
≥40																					17220
≥34																					17220
≥28					1												1.25-1	1	5	5	17220
≥24		1	1	1	1												1.50-1	4	15	15	17220
≥20	9	2	4		6	1											2.25-1	22	69	69	17220
≥16	10	6	10	7	14	4	4	1									4.25-1	56	279	284	17220
≥12	24	8	11	19	42	16	11	2	3	1							11.75-1	137	902	909	17220
≥9	61	43	38	21	60	47	21	8	13	2							12.75-1	314	2089	2121	17220
≥6	121	55	41	28	115	62	39	23	56	14	2						22.00-1	556	5300	5485	17220
≥3	112	62	33	25	78	71	36	29	67	48	17	11					55.75-1	589	10859	12101	17220

DAYS DURATION OF EVENTS

47 — 25.0N 119.4W

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17219
≥56																					17219
≥48																					17219
≥40																					17219
≥34																					17219
≥28																					17219
≥24																					17219
≥20	1		1														0.75-1	2	4	4	17219
≥16	1	2	1	1	1												1.25-1	6	17	17	17219
≥12	9	4	6	2	13	3											2.50-2	37	148	151	17219
≥9	40	14	12	14	39	27	4		1								6.00-1	151	762	787	17219
≥6	132	55	35	36	104	68	35	26	42	3	1						20.25-1	537	4231	4438	17219
≥3	138	48	33	32	80	51	35	31	97	45	9	11	2				74.00-1	612	10918	12854	17219

DAYS DURATION OF EVENTS

49 — 22.6N 128.0E

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17220
≥56																					17220
≥48																					17220
≥40																					17220
≥34	3		2														0.75-2	5	9	9	17220
≥28	2	3	1	1	2												1.75-1	9	27	27	17220
≥24	4	2	3	1	6												2.00-2	16	61	61	17220
≥20	10	7	4	2	4	4	2										3.75-1	36	157	157	17220
≥16	35	16	16	7	26	10	4	2									4.75-1	116	494	494	17220
≥12	72	28	21	23	66	34	18	13	8								10.00-1	283	1779	1793	17220
≥9	68	41	33	27	76	58	40	14	55	5	1						21.25-1	418	4066	4184	17220
≥6	89	51	24	28	79	48	36	34	65	44	6	3					47.50-1	507	7766	8208	17220
≥3	89	46	35	13	55	42	32	17	51	44	14	6	3	3			128.25-1	450	10120	13251	17220

DAYS DURATION OF EVENTS

50 — 21.7N 162.7W

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17220
≥56																					17220
≥48																					17220
≥40																					17220
≥34																					17220
≥28																					17220
≥24		1															0.50-1	1	2	2	17220
≥20	3	2	1	1													1.50-2	10	31	31	17220
≥16	11	7	3	4	6	3		1									4.25-1	35	135	137	17220
≥12	24	19	10	12	22	10	5		1								5.50-1	103	475	481	17220
≥9	118	35	28	12	66	23	11	8	4	1							11.75-1	306	1428	1442	17220
≥6	219	65	57	39	104	70	43	25	31	8	2						27.75-1	663	4569	4713	17220
≥3	202	72	46	30	90	59	29	26	59	27	16	8	3				79.25-1	667	9712	11650	17220

DAYS DURATION OF EVENTS

52 — 19.2N 127.8W

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17219
≥56																					17219
≥48																					17219
≥40																					17219
≥34																					17219
≥28																					17219
≥24	3	1															0.75-1	5	8	8	17219
≥20	1	5		1	1	1											2.25-1	9	31	33	17219
≥16	17	7	5	2	10	2											2.75-1	43	130	137	17219
≥12	45	25	16	11	27	10	6	1									4.50-1	141	556	571	17219
≥9	97	53	30	50	84	32	16	7	10								9.75-1	379	1965	2035	17219
≥6	225	86	66	56	152	90	57	31	70	11	2						28.50-1	846	6865	7245	17219
≥3	90	49	21	12	44	28	23	12	53	45	19	15	6	1			95.50-1	418	12237	15262	17219

DAYS DURATION OF EVENTS

53 — 18.5N 120.7E

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17220
≥56																					17220
≥48																					17220
≥40	1	1	1														0.75-1	3	6	6	17220
≥34	3	2	5		1												1.25-1	11	27	27	17220
≥28	10	8	4	2	7	2											2.75-1	33	111	111	17220
≥24	19	17	11	6	10	7	1	1									4.75-1	72	278	278	17220
≥20	44	20	13	14	32	10	10	1	3								6.50-1	147	704	709	17220
≥16	58	30	23	13	54	31	15	7	8	1							10.75-1	240	1512	1538	17220
≥12	86	52	26	23	64	41	27	19	27	9							18.00-1	374	3240	3355	17220
≥9	112	39	35	15	55	46	29	20	46	22	2	3					57.00-1	424	5234	5648	17220
≥6	122	41	36	28	70	36	30	15	44	30	5	6	2				81.25-1	465	6956	8540	17220
≥3	119	56	33	19	60	32	20	22	45	29	7	4	1	3	1		193.50-1	451	8937	12456	17220

DAYS DURATION OF EVENTS

55 — 17.6N 138.5E

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17219
≥56																					17219
≥48																					17219
≥40	2																0.25-2	2	2	2	17219
≥34	1				1												1.75-1	2	8	9	17219
≥28	4	2			2												2.00-2	8	24	27	17219
≥24	7	7	4		1	2											3.00-1	21	62	66	17219
≥20	18	8	9	9	7	2	2										3.50-1	55	186	193	17219
≥16	40	13	14	14	29	6	6		2								6.25-1	124	540	556	17219
≥12	61	46	18	23	45	27	19	9	7	1							11.75-1	256	1542	1571	17219
≥9	101	47	35	20	98	48	28	23	26	9	1						21.00-1	434	3634	3758	17219
≥6	118	37	42	27	78	58	38	22	70	34	8	3					35.50-1	533	7585	8104	17219
≥3	82	42	19	15	52	27	26	20	54	38	9	10	3	3			136.50-1	400	10123	13444	17219

DAYS DURATION OF EVENTS

56 — 17.6N 111.5W

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17213
≥56																					17213
≥48																					17213
≥40																					17213
≥34																					17213
≥28	1																0.25-1	1	1	1	17213
≥24	1	1															0.50-1	2	3	3	17213
≥20	6	3	1	1	1												1.50-1	12	25	25	17213
≥16	5	3	2	4	4												1.75-2	18	59	62	17213
≥12	8	4	4	5	6	3	1										3.50-1	31	131	138	17213
≥9	43	18	6	5	19	6	5	1									4.25-1	103	382	393	17213
≥6	121	65	42	22	65	26	16	7	9								7.75-1	373	1707	1747	17213
≥3	232	113	76	47	141	79	36	33	60	24	3	2	1				85.50-1	647	7551	8215	17213

DAYS DURATION OF EVENTS

58 — 14.5N 127.7E

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17216
≥56																					17216
≥48																					17216
≥40																					17216
≥34	1	1															0.50-1	2	3	3	17216
≥28	3		3	2	2												1.75-1	10	32	32	17216
≥24	4	5	5	4	6	2											2.50-1	26	98	98	17216
≥20	6	9	6	4	10	7	4	1									4.25-1	47	264	264	17216
≥16	17	21	15	7	20	17	9	4	3								7.25-1	113	694	696	17216
≥12	32	19	24	12	48	32	15	5	20	2							12.25-1	209	1834	1914	17216
≥9	49	17	24	14	55	32	28	18	35	12	3						23.25-1	287	3625	3887	17216
≥6	97	41	16	15	75	45	21	21	44	21	7	8					45.25-1	411	6184	7224	17216
≥3	111	39	27	13	57	38	28	12	40	21	4	10	1	2	1		186.25-1	404	7957	11989	17216

DAYS DURATION OF EVENTS

59 — 14.0N 160.6W

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17220
≥56																					17220
≥48																					17220
≥40																					17220
≥34																					17220
≥28																					17220
≥24																					17220
≥20	1		1														0.75-1	2	4	4	17220
≥16	2	3	2	1													1.00-1	8	18	18	17220
≥12	15	7	8	5	11		1										3.25-1	47	154	157	17220
≥9	59	37	23	18	31	17	9	8	4	1							12.00-1	207	1072	1084	17220
≥6	166	69	54	33	93	57	31	22	47	11	3	2					38.25-1	588	5124	5520	17220
≥3	108	27	31	22	44	28	23	16	41	54	8	17	3	3			117.25-1	425	11511	14485	17220

DAYS DURATION OF EVENTS

61 — 12.0N 156.7E

Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17220
≥56																					17220
≥48																					17220
≥40																					17220
≥34																					17220
≥28	1																0.25-1	1	1	1	17220
≥24	1			1													1.00-1	2	5	5	17220
≥20	2	1	3			1											2.25-1	7	22	22	17220
≥16	4	1	1	2	6	5		1									4.50-1	20	122	122	17220
≥12	22	14	10	8	21	11	6	3	3								7.75-1	98	581	581	17220
≥9	71	40	38	20	52	33	19	7	20	3							15.25-1	301	2077	2108	17220
≥6	138	27	17	25	71	45	30	23	49	28	11	2					35.25-1	478	6449	6852	17220
≥3	90	40	19	10	51	24	17	10	39	20	4	9	5	3			131.75-1	350	8681	13545	17220

DAYS DURATION OF EVENTS

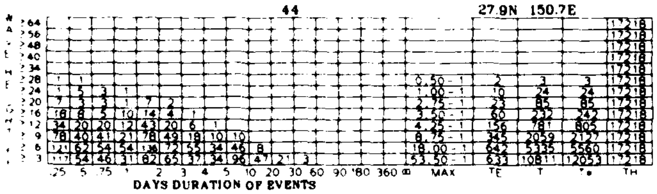
62 — 4.1N 106.7E

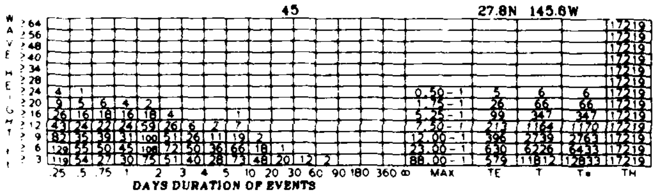
Wave height (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																					17201
≥56																					17201
≥48																					17201
≥40																					17201
≥34																					17201
≥28			1														0.75-1	1	3	3	17201
≥24		1			2												1.50-1	3	13	13	17201
≥20		5		1	7	4											3.00-1	17	98	98	17201
≥16	5	6	8	1	15	8	4	3	2								8.75-1	52	382	389	17201
≥12	10	4	7	7	18	27	10	10	8	3							15.50-1	104	1157	1212	17201
≥9	15	17	9	8	33	20	19	9	24	9	2						27.50-1	165	2306	2425	17201
≥6	17	8	10	6	25	21	26	14	33	15	4		4				38.50-1	183	3697	4549	17201
≥3	13	16	13	12	31	22	9	9	28	20	5		3	5			87.50-1	184	5183	7033	17201

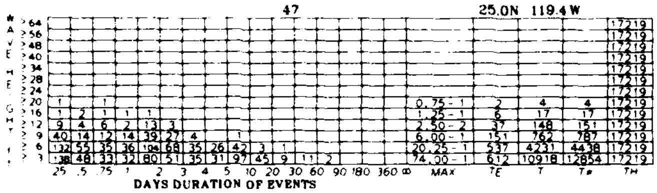
DAYS DURATION OF EVENTS

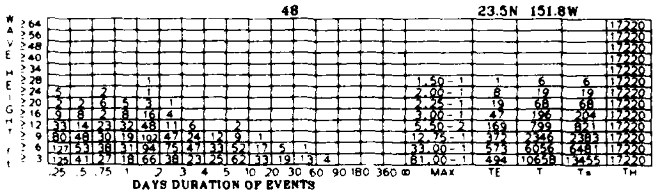
(Cont'd)

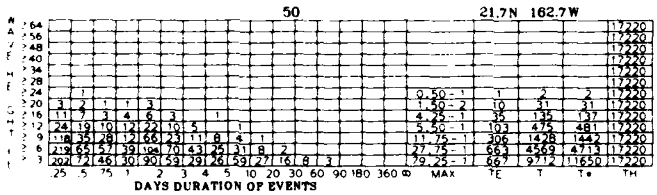
ANNUAL

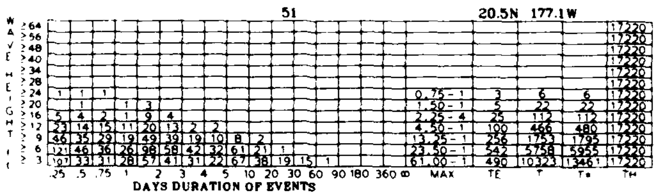


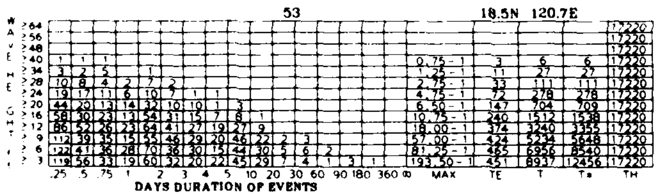


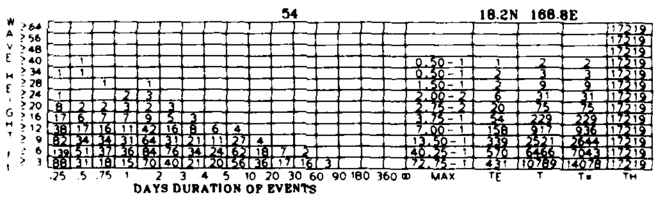


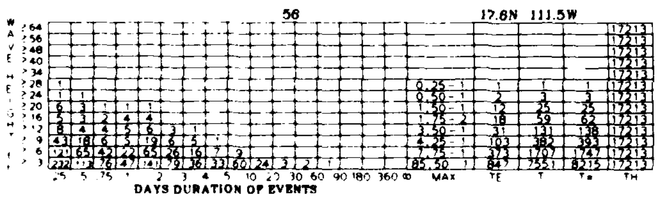


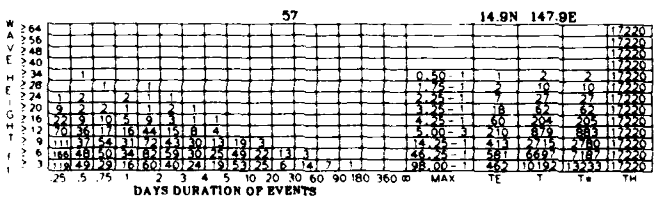


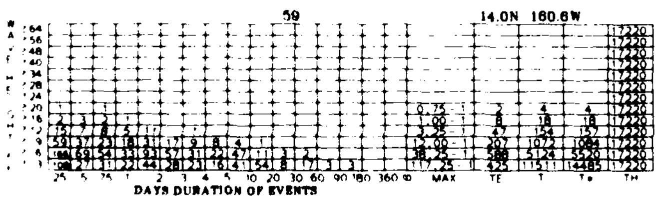


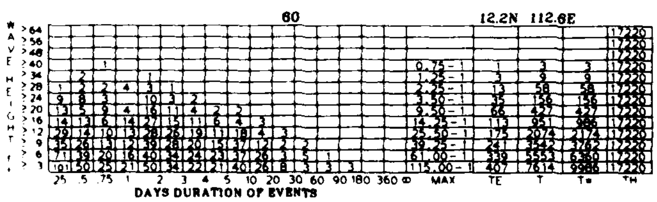


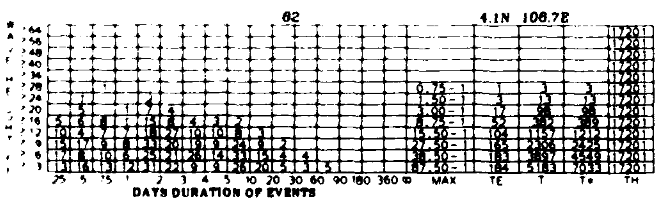


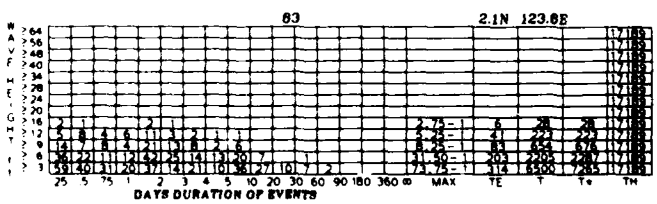












2

WINTER

1 — 64.0N 166.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																9	SEA-8	9	3081	4526	4527
≥40													1			9	SEA-8	10	3079	4524	4528
≥34												1				9	SEA-8	10	3076	4521	4530
≥28										1				2		9	SEA-8	12	3086	4531	4548
≥24			1	2		1		1			1	1	1			14	SEA-8	22	3984	5190	5433
≥20	4		1	3	1	2				2	2		1	1		22	SEA-2	39	3684	5027	5143
≥16	5	5	1	4	1	1	3	1	3	2	1	1	1			40	SEA-1	69	4073	4867	5146
≥12	37	20	20	7	4	6	9	6	3	10	8	2	1	1	8	73	1314-1	215	3658	3911	4696
≥9	65	13	17	11	8	16	13	11	6	8	12	8	5	4	4	49	378-1	250	2497	2596	4423
≥6	41	23	19	11	14	8	10	11	14	6	4	4	6	3	4	15	252-1	193	1246	1270	4365
≥3	15	10	15	5	6	2	6	1	3	4	1	1		1	1	1	234-1	72	350	360	4344

HOURS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-7	7	2576	4379	4379
≥56																7	SEA-7	7	2576	4379	4379
≥48																9	SEA-7	9	3008	4675	4678
≥40								1								15	SEA-8	16	4056	5177	5199
≥34			1	1			1	2	1			1	1			20	SEA-7	28	4078	5417	5489
≥28	2		1	2	2	2	2	2	1	1		1			1	38	SEA-5	55	4838	5776	5986
≥24	5	3	2	7	1	2	3	2	1	1	2	2	2	1	4	46	SEA-3	84	4328	4805	5196
≥20	6	9	7	4	6	8	12	2	5	4	2	3	7	1	1	62	SEA-1	139	3943	4233	5007
≥16	18	10	7	10	9	8	15	6	5	8	6	7	2	4	2	60	618-1	177	3026	3250	4589
≥12	23	16	19	13	14	19	7	6	5	3	4	8	5	3	2	47	510-1	194	2275	2333	4433
≥9	21	21	18	11	12	11	11	7	8	7	4	3	5	5	2	25	486-1	171	1535	1558	4363
≥6	25	21	18	10	15	6	5	5	4	4	4	4	1	4	2	7	330-1	135	803	[illegible]	4345
≥3	17	10	6	6	2	3	2	1	3	2						1	102-1	53	193	194	4333

HOURS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56											1					9	SEA-8	10	3207	4652	4655
≥48										1						11	SEA-8	12	3502	4947	4957
≥40	1					2	1	1		1	1					25	SEA-8	32	4557	5890	5975
≥34	3	1		2	1	1	2	1	1	2					3	46	SEA-5	63	4971	6078	6320
≥28	4	4	3	2	1	4	9	1	3		3	6	2	2	3	54	SEA-3	101	4439	4834	5387
≥24	9	3	2	8	9	4	5	7	5	7	2	4	3	2	1	65	954-1	136	3514	3681	4558
≥20	14	12	13	6	13	10	6	5	6	10	3	2	5	2	4	63	780-1	174	3016	3154	4542
≥16	21	17	13	10	14	11	10	9	3	2	11	6	4	3	3	50	444-1	187	2226	2315	4414
≥12	15	20	17	10	12	7	7	10	7	7	7	4	6	3	1	23	354-1	156	1398	1475	4380
≥9	23	17	9	16	10	8	9	7	4	3	3	4		2		14	222-1	129	849	879	4375
≥6	22	8	9	9	6	2	5	4	4	4	2	1	1			1	108-1	78	351	351	4341
≥3	7	4	3		1	2		2									48-2	19	57	57	4338

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48									1							10	SEA-8	11	3234	4482	4486
≥40									1							15	SEA-8	16	4105	5515	5534
≥34	1			1				1			1					33	SEA-5	37	4133	5630	5719
≥28		1		1			2	4	1			1	1	2	1	47	SEA-5	61	4919	6041	6327
≥24	6	4	3	5	3	4	3	1		3	5	2	2	1		63	SEA-3	105	4681	5099	5641
≥20	7	3	3	4	4	2	7	3	7	5	3	3	5	1	1	66	1884-1	124	3899	4026	4969
≥16	12	6	13	6	2	14	10	5	7	6	4	2	1	2		71	672-1	161	2914	2996	4540
≥12	17	17	16	11	17	12	7	8	6	5	6	7	1	3	6	44	390-1	183	1981	2005	4433
≥9	25	23	20	14	6	13	6	8	3	5	5	4	6	2	1	21	318-1	162	1203	1213	4386
≥6	20	15	10	14	5	5	4	2	3	3	1	2	2	1		6	132-1	93	490	491	4339
≥3	10	4		2	1		2	2	1	2	1						66-1	25	101	102	4333

HOURS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																10	SEA-6	10	2911	4981	4990
≥40						1			1							20	SEA-7	22	3945	5726	5775
≥34	2	3		1	1	1		2	2	1	1			1		35	SEA-5	50	4525	6061	6235
≥28	4	4	4	2	2	2		3	3	3		2	2	3		57	SEA-3	91	4466	5315	5772
≥24	4	4	5	6	3	3	3	4	7		4	2	4	1	2	73	SEA-1	125	3924	4137	4952
≥20	12	12	12	3	6	4	12	5	5	6	7	3	5	4	4	67	606-1	167	2991	3138	4500
≥16	14	18	14	7	13	8	14	3	10	7	4	5	9	2	3	50	354-1	181	2223	2322	4430
≥12	22	14	16	11	5	12	11	7	9	3	3	6	2	8	4	26	276-1	159	1360	1440	4375
≥9	25	16	17	8	11	10	4	10	4	5	2	1	3	1		13	120-4	130	772	819	4350
≥6	16	14	11	5	6	4	4	3	1		2	3	3				78-3	72	309	318	4342
≥3	7	2	1	1	4	1	1	1	1								54-1	19	68	70	4337

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48									1	1						10	SEA-7	12	3232	4940	4950
≥40									2		1	1				23	SEA-6	27	4305	5924	5985
≥34	1	3	2	2	3	1	1		4		1	2	1	2	2	42	SEA-2	67	4563	5047	5248
≥28	6	4	4	4	1	5	4	4	2	4	3		7	3	1	53	SEA-1	105	4068	4378	4858
≥24	7	9	7	3	6	5	5	6	5	5	3	8	7	3		61	SEA-1	140	3824	4005	4807
≥20	18	12	8	9	8	11	10	16	6	2	5	6	3	3	6	66	504-1	189	3036	3183	4449
≥16	25	24	13	15	12	9	10	9	10	5	8	5	3	8	2	51	462-1	209	2366	2455	4420
≥12	26	25	23	17	9	12	9	16	5	8	3	3	8	2	4	27	228-1	197	1505	1554	4386
≥9	38	22	14	13	10	7	10	8	5	5	2	5	2	2	2	5	126-2	150	755	772	4344
≥6	16	19	6	5	8	6	2	3	3	1	1	3					72-3	73	290	291	4341
≥3	4	2	4	1				1									48-1	12	32	32	4334

HOURS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																9	SEA-8	9	3029	4474	4476
≥56																9	SEA-8	9	3029	4474	4477
≥48																12	SEA-8	12	3356	4801	4809
≥40		1			1											19	SEA-9	21	4111	5213	5246
≥34		2		1	1		1		1		1		3			33	SEA-5	43	4404	6048	6160
≥28	6			1	2	1	1	2	3	3		2	1	1	1	55	SEA-2	79	4527	5607	5905
≥24	10	8	4	4	11	2	7	2	6	1	2	3	2	2	3	65	SEA-2	132	4619	4956	5557
≥20	18	10	14	10	5	6	2	14	4	4	6	4	5	1	5	62	1692-1	170	3558	3669	4785
≥16	20	12	9	12	10	10	6	5	7	7	2	1	4	1	8	54	1188-1	168	2671	2742	4532
≥12	20	23	17	10	9	12	3	6	7	5	5	5	7	1	5	35	1032-1	170	1792	1815	4451
≥9	18	15	21	10	11	14	2	4	8	6	5	3	4		3	19	222-1	143	1098	1104	4341
≥6	17	16	15	6	5	7	5	2	3	1	1	1		1	2	8	180-1	90	508	509	4333
≥3	8	6	10	4	2	3	1	1			1						66-1	36	120	121	4333

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64				1												8	SEA-8	9	2948	4393	4394
≥56				1												8	SEA-8	9	2948	4393	4396
≥48	1		2													11	SEA-8	14	3796	5241	5256
≥40	1	1		1												19	SEA-7	22	4604	5971	6016
≥34		2		2		1				1				1		40	SEA-5	47	4394	5633	5758
≥28	5	3	3	2	5	1	3	4	2	3		1	1	2	1	57	SEA-1	93	4121	4950	5314
≥24	10	4	10	6	8	5	5	2	5	1	3	2	7	2		72	936-1	142	3701	3925	4620
≥20	14	16	8	15	9	6	3	7	2	2	7	4	4	4	1	77	582-1	179	3166	3298	4474
≥16	25	21	16	14	11	8	15	7	10	7	8	8	3	5	8	47	498-1	213	2502	2562	4433
≥12	26	24	33	20	12	16	7	11	11	4	5	8	3	3	3	22	414-1	208	1642	1689	4370
≥9	35	25	14	10	9	12	11	8	2	4	3	4	1	2		11	270-1	151	903	934	4334
≥6	24	23	10	9	11	3	2	2	2	5	2					4	144-1	97	406	412	4333
≥3	6	2	2	2	2	1											36-1	15	40	40	4333

HOURS INTERVAL BETWEEN EVENTS

13 — 50.3N 171.3W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-7	7	2576	4380	4380
≥56																8	SEA-7	8	2710	4379	4380
≥48						1										11	SEA-8	12	3521	4966	4974
≥40	2	1			1			1		1						17	SEA-7	23	3638	5505	5545
≥34		1		1	2	2	1	1						2		26	SEA-6	36	4573	5743	5852
≥28	3	1	3	3	3	1	2	1	1	1	1	1	1	2		45	SEA-1	69	4104	4662	4940
≥24	11	7	6	1	3	1	4		3	3	3	2	1	3	3	68	SEA-1	119	4135	4369	4911
≥20	10	12	7	5	6	9	4	4	8		7	5	6	5	5	72	828-1	165	3373	3538	4520
≥16	30	17	17	12	13	8	9	7	9	12	8	6	8	2		55	504-1	213	2628	2711	4444
≥12	34	27	20	18	14	9	17	4	6	6	12	5	2	1	7	30	252-1	212	1645	1686	4362
≥9	36	21	12	19	12	12	8	7	8	5	3	3		3	2	6	204-1	157	841	843	4333
≥6	25	14	9	9	7	2	3	3	1	1						1	96-1	75	243	243	4332
≥3	5	2	1	1							1						66-1	10	27	27	4332

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																12	SEA-8	12	3694	4879	4892
≥40	1			2		1				2						22	SEA-6	28	4251	5602	5663
≥34	2		2	1	1		2		2		1	1	1	1		41	SEA-2	55	4564	5089	5249
≥28	6	2	4	4	1	3	2	2	3	6	2	3	5	1	2	55	SEA-1	101	4097	4329	4761
≥24	7	12	8	3	8	7	5	5	7	5	1	6	4	5	2	60	SEA-1	145	3860	4023	4782
≥20	24	14	9	12	12	10	10	8	3	12	6	2	6	4	1	65	SEA-1	198	3364	3477	4783
≥16	28	27	12	15	15	13	8	10	8	12	5	4	3	5	8	48	264-1	221	2232	2294	4368
≥12	33	30	19	19	17	11	7	6	5	4	9	7	1	1	5	22	216-1	196	1278	1313	4355
≥9	43	19	15	14	8	7	7	8	1	1	2	5	3	1	1	3	102-1	138	595	599	4346
≥6	20	13	8	6	1		4	2	1			1					72-1	56	164	164	4338
≥3	2	1	1														18-1	4	7	7	4333

HOURS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4371	4371
≥56																6	SEA-6	6	2208	4662	4664
≥48																9	SEA-6	9	2703	5156	5165
≥40											1					13	SEA-3	14	2310	4898	4930
≥34	2			2		1	1	1	2		2				1	43	SEA-3	55	4095	5097	5233
≥28	5	6	4	3	2	4	2	5	1	1	1		1	4	1	73	SEA-1	113	4108	4401	4853
≥24	17	9	8	9	2	13	5	5	7	3	2	10	6	3	7	74	582-1	180	3402	3602	4501
≥20	18	22	13	12	12	14	6	10	5	13	7	7	5	8	6	64	510-1	222	2862	2942	4446
≥16	37	21	28	27	20	19	11	7	13	6	6	5	4	2	4	40	234-1	250	1981	2043	4362
≥12	42	41	26	19	13	11	10	5	7	9	4	1	2	4	3	10	174-1	207	1067	1080	4340
≥9	50	23	10	11	8	5	2	6	2	2	3	3			1	4	132-1	130	496	497	4339
≥6	13	6	9	4	3	3	2		2		1						66-1	43	144	144	4335
≥3	3	2	2														18-2	7	13	13	4331

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥40																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28																8	SEA-7	8	2720	4449	4450
≥24																10	SEA-7	10	3076	4805	4808
≥20																10	SEA-7	10	3076	4805	4808
≥16	1	1														13	SEA-5	15	3179	4843	4856
≥12	9	1		2	2								2		1	33	SEA-1	50	3561	4805	4923
≥9	40	17	21	5	7	4	14	7	2	3	8	4	4	4	5	73	768-1	220	3459	3817	4521
≥6	60	46	28	19	15	20	18	16	3	10	11	7	5	4	6	44	384-1	312	2464	2525	4363
≥3	57	41	4	35	20	22	6	6	3	4	3	4	1	3	2	5	168-1	253	1065	1071	4342

HOURS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48							1									11	SEA-7	12	3183	4860	4869
≥40		1		1								1				20	SEA-5	23	3919	5527	5576
≥34	3	1	3	1					1			1			1	35	SEA-3	46	4211	5541	5685
≥28	4	7	3	4	4		5	2	2	2	4	2	1	1	2	59	SEA-1	104	4480	4693	5091
≥24	12	13	12	2	6	5	8	4	2	8	5	4	1	5	3	65	1056-1	155	3600	3752	4481
≥20	27	14	14	10	11	7	8	11	14	11	5	2	7	7	7	60	666-1	215	3124	3175	4425
≥16	36	27	18	17	22	23	8	13	18	2	12	6	1	4	6	45	330-1	256	2349	2386	4385
≥12	43	42	22	11	16	8	8	11	5	7	2	2		5	4	16	222-1	223	1314	1338	4360
≥9	51	33	30	11	12	5	2	5	2	3	3	1	2	1	2	2	102-1	167	661	661	4351
≥6	25	9	8	6	6	1	4						1				78-1	60	168	168	4333
≥3	1	1															12-1	2	3	3	4333

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-7	7	2576	4380	4380
≥56																8	SEA-7	8	2658	4379	4380
≥48		1														10	SEA-8	11	3110	4555	4563
≥40	1		1				1									13	SEA-7	16	3164	4987	5010
≥34	1	1		2	1	1		1			1	1		1	1	28	SEA-7	39	4316	5836	5924
≥28	8	2	3	4	2	1	1	2	2	5	4	1	2		1	66	SEA-3	104	4605	5285	5605
≥24	6	5	14	6	11	7	6	3	8	10	3	3	5	4	4	57	SEA-2	152	3867	4444	5136
≥20	33	24	16	13	9	9	10	8	5	9	9	6	5	2	2	54	1056-1	214	3272	3472	4724
≥16	38	28	18	18	9	13	14	9	6	5	5	3	2	4	4	44	1026-1	220	2477	2547	4613
≥12	28	18	13	13	19	7	10	5	6	8	1	8	5	3	1	24	426-1	169	1453	1485	4380
≥9	30	18	21	8	7	8	5	4	6	3	6	2	3	1		11	210-1	133	798	817	4339
≥6	24	6	8	9	10	4	5	1		3	1				1	1	174-1	73	298	302	4334
≥3	5	5	1	3			1										42-1	15	37	37	4334

HOURS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS

2 — 59.4N 172.0W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-7	7	2576	4379	4379
≥56																7	SEA-7	7	2576	4379	4379
≥48																9	SEA-7	9	3008	4675	4678
≥40								1								15	SEA-8	16	4056	5177	5199
≥34			1	1			1	2	1			1	1			20	SEA-7	28	4078	5417	5489
≥28	2		1	2	2	2	2	2	1	1		1			1	38	SEA-5	55	4838	5776	5986
≥24	5	3	2	7	1	2	3	2	1	1	2	2	2	1	4	46	SEA-3	84	4328	4805	5196
≥20	6	9	7	4	6	8	12	2	5	4	2	3	7	1	1	62	SEA-1	139	3943	4233	5007
≥16	18	10	7	10	9	8	15	6	5	8	6	7	2	4	2	60	618-1	177	3026	3250	4589
≥12	23	16	19	13	14	19	7	6	5	3	4	8	5	3	2	47	510-1	194	2275	2333	4433
≥9	21	21	18	11	12	11	11	7	8	7	4	3	5	5	2	25	486-1	171	1535	1558	4363
≥6	25	21	18	10	15	6	5	5	4	4	4	4	1	4	2	7	330-1	135	803	817	4345
≥3	17	10	6	6	2	3	2	1	3	2						1	102-1	53	193	194	4333

HOURS INTERVAL BETWEEN EVENTS

3 — 58.5N 151.6W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																9	SEA-8	9	3242	4687	4689
≥48								1								9	SEA-7	10	3185	4745	4750
≥40							1						1			11	SEA-7	13	3547	5090	5110
≥34							1					1				24	SEA-8	26	4589	5460	5519
≥28	2			1	1	2	1		1	1		2	1	1		42	SEA-4	55	4528	5387	5594
≥24	2			5	3	5	2	3	1	2	1		1		2	49	SEA-2	76	4455	4901	5292
≥20	6	12	6	2	3	7	5	3	2	2	2	1		3		67	978-1	121	3697	4084	4761
≥16	11	8	7	7	10	12	5	4	2	4	2	1	2	8	2	65	906-1	150	3123	3421	4588
≥12	23	6	10	15	11	17	10	8	7	9	4	6	4	3	6	51	684-1	190	2546	2601	4478
≥9	27	18	18	21	9	8	9	4	7	9	6	4	6	5	4	34	384-1	189	1802	1822	4412
≥6	39	17	17	14	24	10	11	6	2	2	7	2	3	5		11	192-1	170	978	990	4351
≥3	22	21	15	6	1		6	2	3					1			84-1	77	237	243	4333

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48									1							10	SEA-8	11	3234	4482	4486
≥40									1							15	SEA-8	16	4105	5515	5534
≥34	1			1				1			1					33	SEA-5	37	4133	5630	5719
≥28		1		1			2	4	1			1	1	2	1	47	SEA-5	61	4919	6041	6327
≥24	6	4	3	5	3	4	3	1		3	5	2	2	1		63	SEA-3	105	4681	5099	5641
≥20	7	3	3	4	4	2	7	3	7	5	3	3	5	1	1	66	1884-1	124	3899	4026	4969
≥16	12	6	13	6	2	14	10	5	7	6	4	2	1	2		71	672-1	161	2914	2996	4540
≥12	17	17	16	11	17	12	7	8	6	5	6	7	1	3	6	44	390-1	183	1981	2005	4433
≥9	25	23	20	14	6	13	6	8	3	5	5	4	6	2	1	21	318-1	162	1203	1213	4386
≥6	20	15	10	14	5	5	4	2	3	3	1	2	2	1		6	132-1	93	490	491	4339
≥3	10	4		2	1		2	2	1	2	1						66-1	25	101	102	4333

HOURS INTERVAL BETWEEN EVENTS

6 — 54.9N 167.1W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-7	7	2576	4379	4379
≥56																7	SEA-7	7	2576	4379	4379
≥48																8	SEA-8	8	2944	4394	4395
≥40		2		1												14	SEA-10	17	4433	5545	5564
≥34	1	1		1		1	1				1					26	SEA-7	32	4894	6056	6121
≥28	1	1	3	2	2	3	1	5		1			2	1		45	SEA-3	67	4412	5772	5997
≥24	5	5	3	4	3	5	2		4	2		3	1		2	62	SEA-1	101	4260	4694	5133
≥20	4	13	5	3	5	7	6	3	5	3	6	3	3	1	2	69	762-1	138	3527	3766	4585
≥16	23	7	8	15	12	2	8	9	5	8	2	6	4	5	4	65	504-1	183	2813	3031	4455
≥12	22	19	21	14	18	6	8	12	10	9	7	7	6	5	3	32	456-1	199	1984	2084	4393
≥9	29	25	19	23	10	10	11	8	7	7	1	3	2	1		17	324-1	180	1250	1290	4338
≥6	24	25	18	14	11	5	7	3	1	2	1	1	1			4	216-1	119	520	541	4334
≥3	11	6			1			2									48-2	21	49	59	4331

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48									1	1						10	SEA-7	12	3232	4940	4950
≥40									2		1	1				23	SEA-6	27	4305	5924	5985
≥34	1	3	2	2	3	1	1		4		1	2	1	2	2	42	SEA-2	67	4563	5047	5248
≥28	6	4	4	4	1	5	4	4	2	4	3		7	3	1	53	SEA-1	105	4068	4378	4858
≥24	7	9	7	3	6	5	5	6	5	5	3	8	7	3		61	SEA-1	140	3824	4005	4807
≥20	18	12	8	9	8	11	10	16	6	2	5	6	3	3	6	66	504-1	189	3036	3183	4449
≥16	25	24	13	15	12	9	10	9	10	5	8	5	3	8	2	51	462-1	209	2366	2455	4420
≥12	26	25	23	17	9	12	9	16	5	8	3	3	8	2	4	27	228-1	197	1505	1554	4386
≥9	38	22	14	13	10	7	10	8	5	5	2	5	2	2	2	5	126-2	150	755	772	4344
≥6	16	19	6	5	8	6	2	3	3	1	1	3					72-3	73	290	291	4341
≥3	4	2	4	1				1									48-1	12	32	32	4334

HOURS INTERVAL BETWEEN EVENTS

9 — 51.7N 158.8E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-7	7	2576	4380	4380
≥56																7	SEA-7	7	2576	4380	4380
≥48																9	SEA-7	9	3054	4858	4862
≥40																14	SEA-6	14	3185	4936	4954
≥34	1		1													22	SEA-6	24	4126	5875	5935
≥28	1	1														37	SEA-4	42	4011	5418	5561
≥24	3	1	2	2	2		2	3	1	3			1	1		56	SEA-1	79	3886	4607	4911
≥20	11	5	6	9	2	6	6	4	8	1	2	6	5	4	3	63	1434-1	141	3375	3904	4568
≥16	20	18	11	4	9	11	11	6	3	7	2	6	5	5	3	66	504-1	184	2899	3119	4402
≥12	26	16	14	20	10	7	4	7	7	5	4	4	5	6	6	45	432-1	186	2124	2253	4355
≥9	14	31	16	15	13	10	5	5	2	5	4	3	4	3	2	30	288-1	162	1427	1549	4347
≥6	36	19	10	13	8	8	4	4	4	3	5			3	1	13	204-2	131	781	822	4335
≥3	15	14	4	3		6	2	1	2	1	1					1	114-1	50	183	194	4335

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64				1												8	SEA-8	9	2948	4393	4394
≥56				1												8	SEA-8	9	2948	4393	4396
≥48	1		2													11	SEA-8	14	3796	5241	5256
≥40	1	1		1												19	SEA-7	22	4604	5971	6016
≥34		2		2		1				1				1		40	SEA-5	47	4394	5633	5758
≥28	5	3	3	2	5	1	3	4	2	3		1	1	2	1	57	SEA-1	93	4121	4950	5314
≥24	10	4	10	6	8	5	5	2	5	1	3	2	7	2		72	936-1	142	3701	3925	4620
≥20	14	16	8	15	9	6	3	7	2	2	7	4	4	4	1	77	582-1	179	3166	3298	4474
≥16	25	21	16	14	11	8	15	7	10	7	8	8	3	5	8	47	498-1	213	2502	2562	4433
≥12	26	24	33	20	12	16	7	11	11	4	5	8	3	3	3	22	414-1	208	1642	1689	4370
≥9	35	25	14	10	9	12	11	8	2	4	3	4	1	2		11	270-1	151	903	934	4334
≥6	24	23	10	9	11	3	2	2	2	5	2					4	144-1	97	406	412	4333
≥3	6	2	2	2	2	1											36-1	15	40	40	4333

HOURS INTERVAL BETWEEN EVENTS

12 — 50.9N 145.6W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																10	SEA-9	10	3396	4704	4706
≥40																19	SEA-8	22	4053	5455	5487
≥34	2	4		1		2				2				1		40	SEA-7	53	4917	6257	6388
≥28	8	4	3	2	1	2	3	4		2	1	4	3	2	1	56	SEA-3	96	4365	4725	5106
≥24	12	9	7		7	2	3	4	3	7	4	3	5	1	6	63	1470-1	136	3722	3972	4674
≥20	19	17	7	9	8	6	4	5	2	7		6	3	1	4	64	1014-1	169	3317	3452	4662
≥16	29	22	15	16	12	9	7	6	3	2	4	4	5	5	3	53	996-1	187	2533	2578	4431
≥12	18	21	14	13	8	12	9	7	5	5	2	7	3	2	3	30	384-1	159	1555	1584	4378
≥9	20	17	15	18	10	10	5	4	9	5	3	6			2	11	354-1	135	927	929	4356
≥6	17	14	10	5	1	2	3	5		2						5	288-1	64	336	337	4334
≥3	5	1	3	1	1	1	1			1							102-1	15	67	68	4334

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																12	SEA-8	12	3694	4879	4892
≥40	1			2		1				2						22	SEA-6	28	4251	5602	5663
≥34	2		2	1	1		2		2		1	1	1	1		41	SEA-2	55	4564	5089	5249
≥28	6	2	4	4	1	3	2	2	3	6	2	3	5	1	2	55	SEA-1	101	4097	4329	4761
≥24	7	12	8	3	8	7	5	5	7	5	1	6	4	5	2	60	SEA-1	145	3860	4023	4782
≥20	24	14	9	12	12	10	10	8	3	12	6	2	6	4	1	65	SEA-1	198	3364	3477	4783
≥16	28	27	12	15	15	13	8	10	8	12	5	4	3	5	8	48	264-1	221	2232	2294	4368
≥12	33	30	19	19	17	11	7	6	5	4	9	7	1	1	5	22	216-1	196	1278	1313	4355
≥9	43	19	15	14	8	7	7	8	1	1	2	5	3	1	1	3	102-1	138	595	599	4346
≥6	20	13	8	6	1		4	2	1			1					72-1	56	164	164	4338
≥3	2	1	1														18-1	4	7	7	4333

HOURS INTERVAL BETWEEN EVENTS

15 — 49.0N 128.4W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	9	3070	4466	4466
≥40					1											12	SEA-7	12	3064	4824	4837
≥34	2	1					1	1								21	SEA-6	28	3744	5504	5560
≥28	3		2	2	2			2	1	1	3	1				37	SEA-4	56	4554	5784	5989
≥24	6	2	6	4	2	1	6	6	3				2	3	2	51	SEA-3	98	4542	5121	5525
≥20	6	14	8	6	7	12	8	1	6	9	1	2	3	3	2	64	SEA-2	149	4232	4690	5217
≥16	15	9	8	10	7	3	9	9	1	7	4		3	5	5	54	SEA-1	159	3469	3611	5012
≥12	23	9	13	14	10	10	9	6	2	9	3	1	3		6	44	1164-1	162	2236	2266	4555
≥9	25	12	16	10	8	7	5	8	4	1	2	3	3	5	1	31	534-1	143	1429	1440	4345
≥6	29	16	12	13	6	6	3	3	3	2	2	2	2	1	2	13	234-1	117	755	760	4341
≥3	11	7	8	4	2	5	4	1	2	4	1					2	126-1	51	252	253	4333

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥40																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28																8	SEA-7	8	2720	4449	4450
≥24																10	SEA-7	10	3076	4805	4808
≥20																10	SEA-7	10	3076	4805	4808
≥16	1	1														13	SEA-5	15	3179	4843	4856
≥12	9	1			2	2							2		1	33	SEA-1	50	3561	4805	4923
≥9	40	17	23	5	7	4	14	7	2	3	8	4	4	4	5	73	768-1	220	3459	3817	4521
≥6	60	46	28	19	15	20	18	16	3	10	11	7	5	4	6	44	384-1	312	2464	2525	4363
≥3	57	41	41	35	20	22	6	6	3	4	3	4	1	3	2	5	168-1	253	1065	1071	4342

HOURS INTERVAL BETWEEN EVENTS

18 — 45.6N 144.2W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-7	7	2576	4380	4380
≥56																8	SEA-7	8	2658	4380	4380
≥48								1								11	SEA-9	12	3596	4698	4705
≥40																15	SEA-8	16	3983	5387	5408
≥34	1	2			2		1									21	SEA-8	38	4694	6284	6373
≥28	2	4	2	5	4	3	1		2	1	5	3	1		2	28	SEA-5	86	4846	5603	5914
≥24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52	SEA-3	131	4501	5112	5714
≥20	17	15	13	12	14	10	11	9	5	4	3	5	2	2	4	58	SEA-1	187	3873	4227	4800
≥16	24	23	15	10	8	7	8	6	9	5	7	2	4	2	2	55	834-1	184	2873	2910	4508
≥12	21	16	18	12	14	12	8	7	4	3	4	4	3	4	2	28	480-1	166	1552	1581	4382
≥9	21	18	14	12	5	8	7	4	4	2	5	1	5			9	288-1	123	653	666	4361
≥6	13	9	7	6	5	4	1	2	2		1					3	138-1	57	272	274	4338
≥3																	42-1	14	42	43	4332

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-7	7	2576	4380	4380
≥56																8	SEA-7	8	2658	4379	4380
≥48		1														10	SEA-8	11	3110	4555	4563
≥40	1		1					1								13	SEA-7	16	3164	4987	5010
≥34	1	1		2	1	1					1	1		1	1	28	SEA-7	39	4316	5836	5924
≥28	8	2	3	4	2	1	1	2	2	5	4	1	2		1	66	SEA-3	104	4605	5285	5605
≥24	6	5	14	6	11	7	6	3	8	10	3	3	5	4	4	57	SEA-2	152	3867	4444	5136
≥20	33	24	16	13	9	9	10	8	5	9	9	6	5	2	2	54	1056-1	214	3272	3472	4724
≥16	38	28	18	18	9	13	14	9	6	5	5	3	2	4	4	44	1026-1	220	2477	2547	4613
≥12	28	18	13	13	19	7	10	5	6	8	1	8	5	3	1	24	426-1	169	1453	1485	4390
≥9	30	18	21	8	7	8	5	4	6	3	6	2	3	1		11	210-1	133	798	817	4335
≥6	24	6	8	9	10	4	5	1		3	1				1	1	174-1	73	298	302	4334
≥3	5	5	1	3			1										42-1	15	37	37	4334

HOURS INTERVAL BETWEEN EVENTS

21 — 43.7N 128.7W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																9	SEA-9	9	3001	4449	4449
≥40										1						12	SEA-9	12	3487	4745	4795
≥34								1	1							23	SEA-5	27	3761	5274	5335
≥28	1	3	2	3	2		1	3				1	3		1	35	SEA-6	55	4484	5424	5782
≥24	5	3	2	3	2	2	2			1	3	1		1	2	40	SEA-4	78	4289	4734	5281
≥20	5	11	9	5	2	5	3	4	3	5	3	5	4	2	2	51	SEA-1	130	4083	4361	5120
≥16	18	11	6	7	11	10	5	2	10	2	3	4	2	3	1	63	SEA-1	158	3241	3491	5105
≥12	23	14	17	13	8	8	3	6	2	5	3	2	2	2	3	56	972-1	173	2508	2562	4460
≥9	32	20	23	14	7	9	6	3	5	3	3	2	6	4	1	33	504-1	173	1519	1570	4435
≥6	27	20	17	10	11	6	1	5	5	9	2	2	1	2	2	9	186-	132	696	758	4342
≥3	8	5	15	6	1	5			1			1					78-2	39	138	139	4334

HOURS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS (Cont'd)

22 — 42.8N 167.5W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40											1				1	15	SEA- 7	17	3054	4809	4827
≥34	1		1							1			2			28	SEA- 5	33	3715	5755	5830
≥28	2	3		4	3	1	2	2	1	1	3	2	1	2	2	54	SEA- 2	83	4399	5038	5317
≥24	10	8	6	11	2	3	4	5	2	4	1	3	6	2	2	68	1752- 1	137	3777	4312	4914
≥20	20	16	7	10	10	19	5	9	9	2	6	5	1	6	2	65	1728- 1	192	3335	3460	4643
≥16	31	22	19	13	13	16	10	8	7	7	10	4	8	8	5	45	468- 2	226	2389	2447	4384
≥12	40	38	21	17	13	12	10	12	7	7	5	3		4	1	20	378- 1	208	1307	1313	4344
≥9	21	23	29	15	11	6	11	2	5	1	4		1			4	126- 1	133	588	591	4333
≥6	22	15	5	6	4	2	1	1								1	96- 1	58	166	167	4333
≥3	3		2			1											36- 1	6	15	15	4333

HOURS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																7	SEA- 7	7	2576	4380	4380
≥56																9	SEA- 6	9	2803	4492	4496
≥48													1			11	SEA- 7	12	3162	4660	4676
≥40	1		1		1	1						1				18	SEA- 4	23	3041	4875	4937
≥34	3	2	1	1			1			1		1				25	SEA- 4	35	3568	5269	5392
≥28	5	1	4	5	2	1	2	1	4	3	2	1	3	2	3	59	SEA- 3	98	4694	4994	5337
≥24	9	7	7	4	3	9	5	5	3	4	6	6	2	4	1	73	1386- 1	148	3782	3921	4559
≥20	31	15	18	10	14	13	4	13	7	7	5	2	4	4	7	74	486- 1	228	3278	3326	4458
≥16	33	29	35	19	14	15	9	10	9	1	3	8	9	4	5	53	396- 1	256	2511	2528	4421
≥12	37	40	28	25	14	12	9	12	8	13	6	3	8	4	3	17	204- 1	239	1480	1485	4377
≥9	49	42	26	16	5	6	5	5	4	3	4			1	2	6	174- 1	174	682	686	4346
≥6	35	14	9	5	3	3	3	1		2							60- 2	75	192	192	4338
≥3	4	3															12- 3	7	10	10	4332

HOURS INTERVAL BETWEEN EVENTS

25 — 40.2N 131.2E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40																8	SEA- 8	8	2944	4389	4389
≥34																8	SEA- 8	8	2944	4389	4389
≥28																9	SEA- 8	9	3064	4509	4510
≥24			1													9	SEA- 8	10	3067	4512	4514
≥20														1		13	SEA- 7	14	3338	5254	5278
≥16	2	1					1			1	2		1	1		28	SEA- 7	37	4331	5621	5722
≥12	6	3	2	3	2	5		1	4	2	1	3		1		50	SEA- 4	83	4370	5474	5854
≥9	16	11	4	5	8	7	7	4	2	6	3	2	2	2	6	72	SEA- 1	157	4050	4330	5222
≥6	36	27	21	13	12	12	16	11	16	4	6	6	6	7	9	47	456- 1	249	2620	2682	4501
≥3	56	33	37	23	22	14	7	11	3	7	8	2	3	5	2	11	162- 1	244	1209	1243	4358

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																9	SEA- 8	9	2997	4439	4442
≥40	1															10	SEA- 7	11	2796	4487	4498
≥34		1		2												19	SEA- 5	22	3351	4797	4833
≥28	2	1	1			2	1	1		1	1		1		2	34	SEA- 2	47	3618	4669	4807
≥24	3	4	3	1	2	1	2	2	4	1	1		4	1	2	60	2172- 1	91	3948	4253	4553
≥20	12	7	10	3	4	3	7	5	6	6	4	2		6	5	73	1506- 1	154	3690	3835	4507
≥16	17	18	13	14	10	13	14	9	7	8	9	6	11	11	4	61	534- 1	225	3077	3176	4474
≥12	31	28	33	20	23	22	10	18	7	5	11	2	11	3	5	36	276- 1	265	2139	2156	4366
≥9	54	51	27	18	15	20	16	5	9	5	4			3	5	3	204- 1	245	1200	1216	4336
≥6	38	33	15	15	12	3	5	4	3		1	2					72- 2	131	416	416	4335
≥3	11	3	1														8- 1	5	20	20	4334

HOURS INTERVAL BETWEEN EVENTS

28 — 36.1N 123.8W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40																8	SEA- 8	8	2944	4389	4389
≥34																8	SEA- 8	8	2944	4389	4389
≥28																9	SEA- 8	9	3013	4458	4460
≥24					1											14	SEA- 8	15	3713	4950	4961
≥20	1				1	1		1	1		1					26	SEA- 7	32	4951	5941	6015
≥16	7	1	3	1	3	3	2	1	3			2		2	2	48	SEA- 1	78	4383	4864	5118
≥12	12	6	8	7	9	7	6	2	2	2	3	2	3	4	4	67	834- 1	144	3628	3813	4571
≥9	27	16	13	7	7	4	6	3	10	8	11	5	9	6	3	61	420- 1	196	2719	2875	4368
≥6	30	21	20	15	10	12	15	8	11	4	5	7	3	1	5	32	276- 1	199	1624	1747	4355
≥3	28	12	13	14	8	6	5		4	3	2	4	2		1	5	138- 1	107	537	560	4334

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40		1														8	SEA- 8	9	2946	4392	4393
≥34		2	1													15	SEA- 8	18	3892	5229	5255
≥28	1	1			1		1	1	1			2		1		30	SEA- 6	39	4186	5508	5606
≥24	1	2	3	1	4	2	1	1	1		3	1	3	1	1	43	SEA- 3	68	3935	5382	5609
≥20	12	6	8	3	4	5	3	5	3	6	6	4	2	3	3	62	SEA- 2	135	4303	5430	5982
≥16	22	21	6	14	11	10	9	5	3	7	3	4	4	5	4	65	708- 1	193	3372	3823	4952
≥12	37	26	17	13	10	8	13	11	7	6	5	3	7	2	4	47	504- 1	216	2272	2314	4507
≥9	41	29	33	10	13	10	12	8	5	3	6	5	1	3	2	22	312- 1	203	1358	1375	4382
≥6	32	26	20	11	10	5	1	8	5	2	3		2	3	1	1	120- 1	130	540	540	4357
≥3	10	6	4	2	1	1			1								54- 1	25	62	62	4337

HOURS INTERVAL BETWEEN EVENTS

31 — 35.6N 155.2W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40																11	SEA- 8	11	3259	4504	4508
≥34	1				1											15	SEA- 9	17	3945	5260	5284
≥28	2	2	2		3			2	1	1	1		1			30	SEA- 6	45	4138	5776	5892
≥24	4	3	1	3	4	2	2			1	1	1	2	2		41	SEA- 6	67	4494	5581	5840
≥20	9	8	6	3	8	3	2	1	4	4	4	2	2	4	3	52	SEA- 6	115	5062	5759	6310
≥16	23	10	8	14	6	9	7	5	11	7	4	6	4	2	2	60	SEA- 2	174	3816	4288	5429
≥12	29	22	22	10	14	10	8	4	9	7	3	4	5	6	4	49	1350- 1	206	2637	2692	4721
≥9	25	18	16	13	16	10	17	5	7	7	6	6	1	4	3	28	480- 1	182	1591	1608	4443
≥6	31	19	17	10	13	8	12	8	3	2	2	3		1	2	8	174- 1	139	732	732	4375
≥3	11	8	3	5	2	1	2	1		1							60- 1	34	104	104	4340

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40																8	SEA- 8	8	2944	4389	4389
≥34										1						12	SEA- 9	13	3850	4953	4961
≥28	1		1	1				1								17	SEA- 6	21	3906	4970	5009
≥24	1	4	1		2	2	2						1			29	SEA- 7	42	4615	5363	5475
≥20	7	4	5	3	2	6			1	2	1	2	1			47	SEA- 6	81	4944	5563	5854
≥16	11	4	6	8	3	8	5	2	3	4	3	1	2	4	3	59	SEA- 5	126	4773	5410	6117
≥12	25	13	14	17	8	13	3	5	4	1	5	1	2	2	6	66	SEA- 1	185	3684	3784	5216
≥9	30	25	17	15	8	10	7	8	6	3	6	3	3	4	4	46	546- 2	195	2223	2260	4443
≥6	31	26	19	19	13	10	4	6	5	6	4	3	4	3	4	19	408- 1	176	1240	1249	4383
≥3	18	17	9	7	4	5	3	2	1	1	2	1	1			1	216- 1	72	296	299	4333

HOURS INTERVAL BETWEEN EVENTS

34 — 34.2N 155.1E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																9	SEA- 8	9	2998	4444	4445
≥40																9	SEA- 8	9	2998	4444	4447
≥34								1								9	SEA- 8	10	3005	4451	4457
≥28		1			1									1		12	SEA- 7	15	3140	4830	4861
≥24	3	2		1							2	1	1		2	29	SEA- 4	41	4023	5445	5561
≥20	4		2	3	2		2	3	3	2	1	2	1	1		52	SEA- 2	78	4337	4893	5180
≥16	10	6	7	7	7	7	7	3	2		4	3	7	4	5	73	SEA- 1	152	3822	3878	4591
≥12	29	25	20	22	10	12	7	12	5	11	7	7	9	9	5	55	1920- 1	245	3048	3064	4687
≥9	41	39	22	33	17	15	6	12	8	7	6	3	5	2	3	31	258- 1	250	1743	1743	4369
≥6	41	37	20	8	11	5	6	7	5	2	3	1	2	1	1	8	210- 1	158	730	730	4358
≥3	4	8	9	5	3	2		1		1		1					72- 1	34	124	124	4341

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																9	SEA- 8	9	3000	4446	4447
≥40																10	SEA- 8	10	3226	4672	4677
≥34																11	SEA- 8	11	3464	4969	4980
≥28				1	1		1									19	SEA- 6	22	3808	5511	5557
≥24			1	3	4	1	1		1	2			1			35	SEA- 4	49	3645	5513	5663
≥20	3	3	5	10	4		2	3		4	3	1	2	4	1	56	SEA- 2	101	4407	5078	5439
≥16	16	9	14	5	10	5	9	4	7	6	5	5	3	1	2	76	SEA- 1	177	4143	4177	5006
≥12	30	22	28	29	20	19	9	7	6	8	6	6	4	3	6	60	360- 1	263	2686	2703	4484
≥9	71	47	34	29	13	5	10	10	4	3	8	8	2	2	1	25	192- 2	272	1471	1472	4393
≥6	38	30	16	11	13	7	4	4	5	2	1	1		3	1	1	102- 1	137	519	519	4338
≥3	8	6	4	2	2	1	1				1						66- 1	25	74	74	4338

HOURS INTERVAL BETWEEN EVENTS

37 — 32.9N 119.4W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40																8	SEA- 8	8	2944	4389	4389
≥34																8	SEA- 8	8	2944	4389	4389
≥28																8	SEA- 8	8	2944	4389	4389
≥24																8	SEA- 8	8	2944	4389	4389
≥20																9	SEA- 8	9	3152	4388	4389
≥16	1	1												1		12	SEA- 7	15	3424	4866	4879
≥12	1	2	3					2		1					3	29	SEA- 3	41	3562	4718	4838
≥9	13	4	1		3	2	3	6	1	2	2	1	3	2	2	51	1254- 1	96	3724	4340	4692
≥6	23	18	11	7	9	5	8	4	4	6	8	4	6	3	4	60	918- 1	180	3193	3441	4461
≥3	65	30	26	21	18	8	11	8	9	9	6	8	4	4	5	26	222- 2	258	1729	1821	4337

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40																8	SEA- 8	8	2944	4389	4389
≥34																8	SEA- 8	8	2944	4389	4389
≥28																8	SEA- 8	8	2944	4389	4389
≥24																10	SEA- 8	10	3157	4602	4606
≥20																21	SEA- 8	21	4358	5854	5890
≥16	3		2			1			2		1	1			1	43	SEA- 5	54	5098	6016	6179
≥12	6	3	4	2	1		1	5	1	3	1	5	1	1	4	63	1452- 1	101	3970	4311	4886
≥9	10	7	15	11	6	7	4	3	7	4	6	6	4	3	3	60	822- 1	156	3098	3286	4505
≥6	26	23	10	10	8	9	8	9	8	6	7	4	4	10	3	43	414- 1	188	2018	2119	4365
≥3	28	23	16	10	10	5	13	6	7	7	4	3	3	2	3	2	192- 1	142	757	799	4346

HOURS INTERVAL BETWEEN EVENTS

40 — 29.6N 165.0W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																7	SEA- 7	7	2576	4381	4381
≥56																7	SEA- 7	7	2576	4381	4381
≥48																7	SEA- 7	7	2576	4381	4381
≥40																7	SEA- 7	7	2576	4381	4381
≥34																8	SEA- 6	8	2414	4429	4431
≥28	1			1												13	SEA- 7	15	2975	4803	4826
≥24	1		1	1	2		1			1		1	1	1		21	SEA- 7	31	3814	5794	5869
≥20	2	2	4		1		3		2					1		36	SEA- 5	51	3840	5814	6026
≥16	6	7	4	2	5	2	3	1	2	1		2	4	4		54	SEA- 4	97	4391	5458	5977
≥12	22	10	14	12	9	7	7	7	3	7	3	3	3	1	2	59	977- 1	167	3120	3689	4921
≥9	22	17	14	17	12	9	6	10	5	5	7	6	3	2	3	49	510- 1	187	2295	2422	4483
≥6	37	16	14	18	13	10	10	5	9	4	1	6	4	2	7	16	258- 1	170	1200	1217	4397
≥3	6	11	11	4	4	3	2	1		1	1						66- 1	44	158	158	4334

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40																8	SEA- 8	8	2944	4390	4390
≥34																8	SEA- 8	8	2944	4390	4390
≥28																8	SEA- 8	8	2944	4390	4390
≥24														1		9	SEA- 8	10	2995	4441	4447
≥20	1	1		1								1				11	SEA- 9	15	3460	4725	4746
≥16		1	1				2			1						20	SEA- 7	25	3782	5294	5366
≥12	4	2	4	3	1		2				1	1	3			50	SEA- 2	71	4923	5607	5892
≥9	11	4	4	5	1	3	4	2	1	4	2	5	1	2	3	69	864- 1	121	3418	3866	4573
≥6	26	15	17	10	12	16	9	3	3	9	7	13	4	6	3	57	408- 1	210	2539	2690	4394
≥3	37	12	15	25	10	12	8	7	3	5	4	4	2	4		12	168- 1	180	987	996	4335

HOURS INTERVAL BETWEEN EVENTS

(Cont'd)

WINTER

23 42.4N 172.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																7	SEA-7	7	2576	4380	4380
≥56																9	SEA-6	9	2803	4492	4496
≥48													1			11	SEA-7	12	3162	4660	4676
≥40	1		1		1	1						1				18	SEA-4	23	3041	4875	4937
≥34	3	2	1	1			1			1		1				25	SEA-4	35	3568	5269	5392
≥28	5	1	4	5	2	1	2	1	4	3	2	1	3	2	3	59	SEA-3	98	4694	4994	5337
≥24	9	7	7	4	3	9	5	5	3	4	6	6	2	4	1	73	1386-1	148	3782	3921	4559
≥20	31	15	18	10	14	13	4	13	7	7	5	2	4	4	7	74	486-1	228	3278	3326	4458
≥16	33	29	35	19	14	15	9	10	9	1	3	8	9	4	5	53	396-1	256	2511	2528	4421
≥12	37	40	28	25	14	12	9	12	8	13	6	3	8	4	3	17	204-1	239	1480	1485	4377
≥9	49	42	26	16	5	6	5	5	4	3	4			1	2	6	174-1	174	682	686	4346
≥6	35	14	9	5	3	3	3	1		2							60-2	75	192	192	4338
≥3	4	3															12-3	7	10	10	4332

HOURS INTERVAL BETWEEN EVENTS

24 41.0N 134.9W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																9	SEA-8	9	3000	4445	4448
≥40																10	SEA-8	10	3202	4443	4449
≥34							1		1			1				17	SEA-8	20	3745	5160	5196
≥28	1	1	1		1	1	1			1			1			34	SEA-7	42	4645	5672	5796
≥24	6	3	3	1	4	1	2	2	5	1		1	1	3		49	SEA-5	82	5148	5848	6131
≥20	8	6	4	8	1	8	3	4	4		2		4	1	4	61	SEA-3	118	4314	5036	5651
≥16	25	8	12	2	8	10	4	1	6	4	4	3	2	4	2	65	SEA-1	161	3419	3744	4902
≥12	25	17	17	11	6	8	3	4	5	5	4	3	7	5		47	642-1	167	2316	2371	4480
≥9	35	17	12	9	8	5	12	7	5	4		5	3	2	5	30	438-1	159	1495	1511	4357
≥6	24	14	8	7	5	9	8	5	2	5	2	4	2		1	11	420-1	107	747	748	4334
≥3	11	5	8	4	7	2								1	2	2	108-1	42	187	188	4333

HOURS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																9	SEA-8	9	2993	4439	4442
≥40	1															10	SEA-7	11	2796	4487	4498
≥34		1		2												19	SEA-5	22	3351	4797	4833
≥28	2	1	1			2	1	1		1	1		1		2	34	SEA-2	47	3618	4669	4807
≥24	3	4	3	1	2	1	2	2	4	1	1	4	1	2		60	2172-1	91	3948	4253	4553
≥20	12	7	10	3	4	3	7	5	6	6	4	2	1	6	5	73	1506-1	154	3690	3835	4507
≥16	17	18	13	14	10	13	14	9	7	8	9	6	11	11	4	61	534-1	225	3077	3176	4474
≥12	31	28	33	20	23	22	10	18	7	5	11	2	11	3	5	36	276-1	265	2139	2156	4366
≥9	54	51	[illegible]	18	15	20	16	5	9	5	4		3	5		13	204-1	245	1200	1216	4336
≥6	38	33	15	15	12	3	5	4	3		1	2					72-2	131	416	416	4335
≥3	11	3	1														18-1	15	20	20	4334

HOURS INTERVAL BETWEEN EVENTS

27 36.2N 127.4W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥40																8	SEA-8	8	2944	4389	4389
≥34																9	SEA-8	9	3012	4457	4458
≥28																12	SEA-8	12	3554	4793	4804
≥24					1	1	1									22	SEA-9	25	4603	5309	5353
≥20	3	2	1	2	1	2	1	1	2							37	SEA-6	52	5406	6104	6268
≥16	4	2	4	3	6	3	4	2			2	3		1	1	56	SEA-2	91	4696	5047	5442
≥12	15	10	7	8	4	4	4	5	6	4	6	5	6	1	2	65	846-1	152	3464	3645	4634
≥9	22	14	9	14	13	5	12	6	5	8	10	6	4		3	56	378-1	187	2491	2645	4455
≥6	28	24	11	17	14	9	14	12	6	3	5	6	4	7	1	23	210-1	184	1395	1444	4351
≥3	22	17	9	6	7	8	8	3	1	1	2	1				4	168-1	89	402	411	4333

HOURS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40		1														8	SEA-8	9	2946	4392	4393
≥34		2	1													15	SEA-8	18	3892	5229	5255
≥28	1	1			1		1	1	1			2		1		30	SEA-6	39	4186	5508	5606
≥24	1	2	3	1	4	2	1	1	1		3	1	3	1	1	43	SEA-3	68	3935	5382	5609
≥20	12	6	8	3	4	5	3	5	3	6	6	4	2	3	3	62	SEA-2	135	4303	5430	5982
≥16	22	21	6	14	11	10	9	5	3	7	3	4	4	5	4	65	708-1	193	3372	3823	4952
≥12	37	26	17	13	10	8	13	11	7	6	5	3	7	2	4	47	504-1	216	2272	2314	4507
≥9	41	29	33	10	13	10	12	8	5	3	6	5	1	3	2	22	312-1	203	1358	1375	4382
≥6	32	26	20	11	10	5	1	8	5	2	3		2	3	1	1	120-1	130	540	540	4357
≥3	12	6	4	2	1	1			1								54-1	25	62	62	4337

HOURS INTERVAL BETWEEN EVENTS

30 35.7N 176.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																9	SEA-8	9	3275	4721	4722
≥40																10	SEA-8	10	3272	4718	4722
≥34								1								15	SEA-9	16	4026	5247	5267
≥28	1						1		2	1				1	1	26	SEA-5	33	3987	5647	5721
≥24	1		1	1		1	4			1	1			2	3	39	SEA-5	58	4383	5486	5671
≥20	9	1	3	1	6	2	6	1	1	3	2	3	3	2	2	39	SEA-2	115	3986	5041	5467
≥16	14	12	14	12	14	2	6	9	6	4	6	3	4	2	4	58	846-1	186	3719	3822	4804
≥12	56	19	24	16	20	18	7	16	4	8	10	8	3	5	4	43	660-1	261	2434	2441	4482
≥9	43	29	33	21	10	12	8	5	3	10	4	4	6	5	3	19	486-1	211	1398	1398	4405
≥6	47	22	15	10	10	8	8	4	4	1	3	1			1	4	354-1	132	575	575	4354
≥3	7	7	4	3		1	1									1	126-1	24	79	79	4334

HOURS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥40																8	SEA-8	8	2944	4389	4389
≥34										1						12	SEA-9	13	3850	4953	4961
≥28	1		1	1				1								17	SEA-6	21	3906	4970	5009
≥24		4	1		2	2	2					1				29	SEA-4	42	4615	5363	5475
≥20	7	4	5	2	1	5	1	1	2		1	1			1	49	SEA-4	81	4620	5253	5843
≥16	11	4	5	6	8	3	8	5	2	3	4	3	1	2	4	59	SEA-5	126	4773	5410	6117
≥12	25	13	14	7	8	3	3	5	4	1	5	1	2	2	6	66	SEA-1	185	3684	3784	5216
≥9	30	25	17	15	8	10	7	8	6	3	6	3	3	4	4	46	546-2	195	2223	2260	4443
≥6	31	26	19	19	13	10	4	6	5	6	4	3	1	3	4	19	408-1	176	1240	1249	4381
≥3	18	17	9	1	4	1											216-1	72	296	299	4333

HOURS INTERVAL BETWEEN EVENTS

33 34.6N 145.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																9	SEA-8	9	2993	4439	4442
≥34		1														9	SEA-8	10	2991	4437	4443
≥28	1															11	SEA-6	12	2898	4810	4834
≥24																16	SEA-6	18	3539	5373	5432
≥20	1		1	2												35	SEA-6	[illegible]	[illegible]	[illegible]	[illegible]
≥16	3	3	2	1	4	1	1	1	1	1	1	3	2		1	60	SEA-6	87	4150	4863	5026
≥12	8	13	8	7	9	7	9	7	5	4	7	3	7	7	4	73	888-1	178	3500	3559	4460
≥9	20	19	25	24	18	14	8	7	8	7	8	7	6	5	5	58	402-1	242	2726	2748	4409
≥6	52	38	33	19	25	10	14	11	9	6	6	3	7	7	2	13	246-1	255	1450	1460	4343
≥3	35	20	18	5	13	3	5	1	1							2	114-1	105	346	346	4334

HOURS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																9	SEA-8	9	3000	4446	4447
≥40																10	SEA-8	10	3226	4672	4677
≥34																11	SEA-8	11	3464	4969	4980
≥28				3	4	1	1			2						19	SEA-6	22	3808	5511	5557
≥24			1	1						1						56	SEA-2	49	3645	5513	5654
≥20	3	3	5	10	4		2	3		4	3	1	2	4	1	59	SEA-6	101	4407	5078	5439
≥16	16	9	14	5	10	5	9	4	7	6	5	5	3	1	2	78	SEA-1	177	4143	4177	5006
≥12	30	22	28	29	20	19	9	7	6	8	6	6	4	3	6	60	360-1	263	2686	2703	4484
≥9	71	47	34	29	13	5	10	10	4	3	8	8	2	2	1	25	192-2	272	1471	1472	4393
≥6	38	30	16	13	7	4	4	5	2	1			1	1			102-1	137	519	519	4338
≥3	8	6	4	2	2	1											66-1	25	74	74	4338

HOURS INTERVAL BETWEEN EVENTS

36 33.7N 123.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥40																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28																8	SEA-8	8	2944	4389	4389
≥24																8	SEA-8	8	2944	4389	4389
≥20																8	SEA-8	8	2944	4389	4389
≥16	1															13	SEA-8	15	3555	4849	4859
≥12	4	3	1		1	2	1									48	SEA-3	63	4615	5320	5498
≥9	13	10	1	6	5	3	7	2	7	4	2	3	3	1	6	80	SEA-1	153	3933	4250	4831
≥6	18	19	6	12	12	13	17	13	13	13	11	9	7	9	3	68	348-1	233	2885	2962	4427
≥3	33	31	30	28	25	17	20	13	13	9	8	7	3	4	3	10	174-1	254	1505	1529	4365

HOURS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥40																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28																8	SEA-8	8	2944	4389	4389
≥24																10	SEA-8	10	2947	4389	4409
≥20																21	SEA-8	21	4356	5894	5899
≥16	3		2					1		2		1	1		1	43	SEA-5	54	5098	6016	6179
≥12	6	3	4	2	1	1		5	1	3	1	5	1	1	4	63	1452-1	101	3970	4311	4886
≥9	10	7	15	6	7	4	7	7	5	5	3	4	3	3	2	60	822-1	156	3098	3286	4505
≥6	28	23	10	10	8	9	8	9	6	7	4	4	1	10	3	43	414-1	169	2018	2119	4402
≥3	28	23	16	10	10	5	13	6	7	9	4	3	1	2	3		192-1	149	757	799	4346

HOURS INTERVAL BETWEEN EVENTS

39 29.9N 177.3W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																10	SEA-9	10	3411	4632	4636
≥28																16	SEA-8	16	3479	5083	5112
≥24	2		1				1									19	SEA-6	25	3578	5471	5555
≥20	1	1	3	1		1	2	2		1	2			1		34	SEA-5	49	4264	5713	5900
≥16	5	6	5	1	1	4	3	2	1	3	3		1	1	5	47	SEA-4	88	4409	5414	5891
≥12	19	7	6	7	6	4	5	3	8	2	4		3	5	2	62	1146-1	143	3282	4025	5134
≥9	26	28	16	6	11	9	5	6	4	6	5	4	4	2	6	53	648-1	191	2505	2574	4523
≥6	31	25	14	20	12	10	11	12	4	6	7	4	7	2	1	21	510-1	187	1429	1447	4402
≥3	29	18	9	5	6	6	3	1		1			1	1		2	120-1	82	280	280	4352

HOURS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28																8	SEA-8	8	2944	4390	4390
≥24														1		9	SEA-8	10	2993	4440	4442
≥20	1	1	1													11	SEA-9	15	3460	4725	4746
≥16							2									20	SEA-7	25	3782	5294	5366
≥12	4	2	4	2	1		2						1	1		50	SEA-2	71	4921	5807	5892
≥9	11	4	4	5	1	3	4	2	3	1	4	2	1	2	3	89	864-1	[illegible]	[illegible]	[illegible]	[illegible]
≥6	28	15	17	10	12	19	9	3	9	5	7	3	4	6	3	45	404-1	210	3416	3868	4574
≥3	37	32	15	25	10	12	8	7	3	5	4	4	2	4		12	168-1	180	987	[illegible]	4339

HOURS INTERVAL BETWEEN EVENTS

42 28.6N 139.2W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥40																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28																9	SEA-8	9	[illegible]	[illegible]	[illegible]
≥24																9	SEA-8	9	[illegible]	[illegible]	[illegible]
≥20		1					1									17	SEA-6	19	3772	[illegible]	[illegible]
≥16	1	2	3	2	1		1		2	1			1			34	SEA-6	48	[illegible]	[illegible]	[illegible]
≥12	10	4	7	3	2	4	3	2	4	2			3		1	55	SEA-4	100	[illegible]	[illegible]	[illegible]
≥9	18	4	9	5	6	4	5	8	2	7	4	3	4	1	1	67	1194-1	[illegible]	[illegible]	[illegible]	[illegible]
≥6	27	16	18	15	15	9	11	9	8	8	7	3	4	6	4	41	570-1	203	2072	2141	[illegible]
≥3	44	16	12	13	7	6	8	2	5	2	5		3		1	2	150-1	126	577	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

2

WINTER

WAVE HEIG

43 — 28.2N 125.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28																10	SEA-8	10	3202	4648	4651
≥24																12	SEA-8	12	3335	4921	4934
≥20			1													19	SEA-8	20	4289	5536	5581
≥16	4	5	2		1	2	1		3			2			1	42	SEA-6	63	4741	5454	5663
≥12	9	9	3	2	3	2	5		6	3	5	2	7	3	1	70	SEA-4	130	4470	5142	5812
≥9	30	12	16	5	6	13	9	7	12	6	7	5		4	3	70	594-1	205	3090	3157	4543
≥6	19	18	11	18	13	12	17	4	13	5	5	4	5	10	3	36	378-1	193	1939	1979	4446
≥3	43	28	20	12	10	9	7	4	4	4	1	4	3	1	3	8	174-1	161	801	819	4382

HOURS INTERVAL BETWEEN EVENTS

44 — 27.9N 150.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28																9	SEA-8	9	2991	4437	4439
≥24	1											1				11	SEA-7	13	2990	4899	4917
≥20										1						17	SEA-8	18	3779	5459	5503
≥16	2				1		1	2			1	1		1	1	28	SEA-4	38	3988	5535	5664
≥12	6	3	4	3	2	2	4	2	1	2	1	2		1	1	51	SEA-1	85	4396	4747	5176
≥9	23	6	15	11	8	9	8	5	7	8	7	3	4	5	3	62	1776-1	184	3546	3624	4684
≥6	31	24	22	21	20	13	11	14	13	13	6	7	6	4	1	36	360-1	242	2062	2067	4381
≥3	36	20	12	13	13	7	3	5	3	5	1	1	1	1	1	2	108-2	124	510	511	4341

HOURS INTERVAL BETWEEN EVENTS

46 — 26.1N 170.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28																9	SEA-8	9	3001	4447	4452
≥24																11	SEA-9	11	3560	4822	4833
≥20		1	1				1			1						19	SEA-8	23	4043	5414	5466
≥16	1	1	1		1	1			1		1	1	1			35	SEA-4	44	3992	5474	5675
≥12	6	1	4	4	3	2	3	3	2	1	4			4	1	45	SEA-2	83	3844	4751	5305
≥9	22	7	6	8	5	5	9	5	3	1	5	5	1	2	2	62	SEA-1	148	3610	3900	4947
≥6	27	19	15	17	18	8	7	12	8	3	8	1	3	7	4	45	492-1	202	2223	2264	4392
≥3	36	24	18	5	6	7	2	8	1	1	3	2	2			5	168-1	120	521	529	4360

HOURS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥40																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28																8	SEA-8	8	2944	4389	4389
≥24																8	SEA-8	8	2944	4389	4389
≥20																8	SEA-8	8	2944	4389	4389
≥16																8	SEA-8	8	2944	4389	4391
≥12	1	2		1												13	SEA-5	17	3028	4597	4644
≥9	3	1	2		2		3	1		1		1			1	43	SEA-2	58	4423	4888	5128
≥6	23	6	9	6	3	4	5	5	1	2	3	3	1	2	3	64	798-1	140	3223	3461	4498
≥3	43	28	20	10	12	12	8	7	3	10	5	4	5	6	5	18	348-1	196	1378	1474	4335

HOURS INTERVAL BETWEEN EVENTS

49 — 22.6N 128.0E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28																8	SEA-8	8	2944	4390	4390
≥24									1							10	SEA-8	11	3067	4503	4510
≥20								1								11	SEA-8	12	3056	4491	4513
≥16	3		3	2		1	2	1	1							23	SEA-5	36	3449	4882	4995
≥12	12	9	6	1	2	3	3	3	3	1	3	1	1	3	1	51	SEA-3	103	4150	5353	5913
≥9	12	12	7	6	4	3	14	8	6	7	10	4	4	1	2	53	1860-1	153	3092	3350	4799
≥6	21	23	15	10	13	7	7	8	7	5	8	6	2		2	33	294-1	167	1579	1642	4457
≥3	21	14	7	7	2	6	4	1	2	1	1	1	1		2	5	198-1	75	383	396	4379

HOURS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28																8	SEA-8	8	2944	4390	4390
≥24																8	SEA-7	8	2719	4440	4442
≥20																14	SEA-7	14	3444	5353	5377
≥16	1	1	1									1		1	1	22	SEA-4	27	3467	4971	6081
≥12	5	1	3	1	2	2	2			1	3	2	1	1	1	40	SEA-3	65	3739	5216	5250
≥9	26	12	9	5	4	3	6	4	6	5	2	5	3			73	816-1	164	3404	3912	4779
≥6	47	20	14	11	21	7	13	15	5	8	9	5	4	4	4	43	486-1	230	2181	2247	4431
≥3	27	13	14	11	11	4	1	3	3	2	5	1	2			6	138-1	103	499	499	4343

HOURS INTERVAL BETWEEN EVENTS

52 — 19.2N 127.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥40																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28																8	SEA-8	8	2944	4389	4389
≥24																8	SEA-8	8	2944	4389	4389
≥20																8	SEA-8	8	2944	4389	4389
≥16	1															15	SEA-7	16	4247	5439	5467
≥12	1	2	1	2							1		2			37	SEA-1	49	4852	5357	5504
≥9	15	3	9	4	6	3	3	5	2	3	2	4	3	5	1	71	SEA-1	139	4333	4515	5177
≥6	49	19	15	7	22	8	16	4	4	8	4	2	3	6		41	498-1	226	2151	2204	4391
≥3	24	14	15	14	10	7	2	3	1	2	4	2	1			3	144-1	106	498	499	4334

HOURS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																9	SEA-8	9	3002	4448	4451
≥34																9	SEA-8	9	3001	4447	4452
≥28																11	SEA-8	14	3478	4924	4942
≥24	3	1	1	1	1	1		2								14	SEA-8	28	3744	5127	5199
≥20	8	3	1	1	2	1			2		1		1	1		35	SEA-7	59	4540	5435	5659
≥16	16	5	7	4	3	2	3	1	6	3	3		2			47	SEA-4	102	4426	5165	5758
≥12	20	6	13	4	5	6	7	5	5	3	4	1	2	7	2	50	SEA-1	140	3105	3944	5308
≥9	30	12	12	4	10	4	6	10	4	4	7		1	2	2	45	762-1	153	2174	2295	4536
≥6	16	10	15	6	5	4		3	3		6	3	2	4	3	26	312-1	106	1142	1237	4435
≥3	18	8	7	4	5	6	4	3	1		1	2			1	5	132-1	65	339	339	4359

HOURS INTERVAL BETWEEN EVENTS

55 — 17.6N 138.5E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																9	SEA-8	9	3108	4554	4555
≥28																10	SEA-8	10	3445	4792	4802
≥24		1										1				13	SEA-8	15	3822	5161	5170
≥20	1		1				1		2		1					22	SEA-8	28	4286	5565	5645
≥16	8	3	3	3	2	2	3	1		1		1				35	SEA-5	62	4230	5594	5829
≥12	18	12	8	7	4	4	10	4	2	2	2	5	2	3	2	44	SEA-1	129	3412	4460	5209
≥9	23	12	13	8	6	5	6	11	5	2	3	4	3	1	3	58	852-1	163	2654	2832	4463
≥6	33	10	16	5	8	11	12	7	4	6	1	4	2	6		23	294-1	148	1251	1300	4382
≥3	26	9	6	4	7	1	3	1	1			1	1			1	108-1	61	200	217	4346

HOURS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4389	4389
≥56																8	SEA-8	8	2944	4389	4389
≥48																8	SEA-8	8	2944	4389	4389
≥40																8	SEA-8	8	2944	4389	4389
≥34																8	SEA-8	8	2944	4389	4389
≥28																8	SEA-8	8	2944	4389	4389
≥24																8	SEA-8	8	2944	4389	4389
≥20																8	SEA-8	8	2944	4389	4389
≥16																8	SEA-8	8	2944	4389	4389
≥12																11	SEA-8	11	3194	4639	4644
≥9	5	1	2	1	2			2					1			31	SEA-5	45	4229	5112	5200
≥6	22	11	6	11	5	5	6	3	3	4	3	5	3	1	4	64	1206-1	156	3612	4062	4694
≥3	57	34	19	20	11	19	6	8	13	4	9	4	6	4	2	23	306-1	239	1615	1687	4359

HOURS INTERVAL BETWEEN EVENTS

58 — 14.5N 127.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																9	SEA-8	9	3003	4389	4390
≥28																11	SEA-9	11	3193	4632	4643
≥24	1		2	1						1						15	SEA-8	20	3705	4943	4987
≥20	2			1		1	2		1							22	SEA-7	29	4259	5176	5296
≥16	7	2	1	4	2	2		1	2	3	3	1	1			34	SEA-6	63	4295	5581	5948
≥12	7	3	6	1	2	5	4	3	3	1	2	1		1	1	46	SEA-3	86	3987	4777	5723
≥9	12	11	5	8	8	2	3	2	3	5	1	3	2	2	4	48	990-1	119	2602	2888	4674
≥6	31	13	9	3	10	6	11	6	5	2	4	3	1	2	2	27	378-1	135	1284	1342	4441
≥3	12	7	2	5	3	1	3	2		1			1		1		90-1	38	148	163	4334

HOURS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28																8	SEA-8	8	2944	4390	4390
≥24																8	SEA-8	8	2944	4390	4390
≥20																8	SEA-8	8	2944	4390	4390
≥16																11	SEA-9	11	3490	4758	4763
≥12	1		1		1		2							1		19	SEA-5	25	3483	4990	5051
≥9	9	8	6	5	4	2	4	1	4	2	1		1		3	48	SEA-3	98	4689	5466	5956
≥6	38	15	12	8	9	7	8	4	4	4	3	4	6	3	6	45	876-1	176	2553	2590	4485
≥3	30	12	9	7	4	5	3	4	2	1		2	1	1	1	11	222-1	93	574	582	4345

HOURS INTERVAL BETWEEN EVENTS

61 — 12.0N 156.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28																8	SEA-8	8	2944	4390	4390
≥24																8	SEA-8	8	2944	4390	4390
≥20																10	SEA-9	10	3538	4853	4859
≥16																20	SEA-7	20	4184	5136	5415
≥12	3	3	1			1	2		2	1			1		1	45	SEA-2	60	3893	4877	5216
≥9	16	11	10	6	4	8	5	3	4	3	2	4	3	6	4	60	702-1	149	3174	3302	4511
≥6	28	11	16	11	7	6	8	5	4	2	6	5	2	1	2	34	492-1	148	1407	1420	4399
≥3	15	4	3	1	3	1	2		1			1		1		1	108-1	33	124	124	4334

HOURS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA-8	8	2944	4390	4390
≥56																8	SEA-8	8	2944	4390	4390
≥48																8	SEA-8	8	2944	4390	4390
≥40																8	SEA-8	8	2944	4390	4390
≥34																8	SEA-8	8	2944	4390	4390
≥28																9	SEA-8	9	3007	4453	4456
≥24																9	SEA-8	9	3006	4452	4458
≥20	1								1				1			13	SEA-8	16	3510	4956	5002
≥16	1	1		2	2		1		2		1					23	SEA-9	33	4508	5584	5778
≥12	3	2			1	3	3	1	1	1		1	2	1		34	SEA-8	53	4663	5812	6410
≥9	4	2	4	2	2	1		1	2	3	3	1	3	5		47	SEA-6	80	4392	5062	6313
≥6	8	1	1	2	2	4	6	3	1	3	3		2		3	41	SEA-2	80	2789	3566	5831
≥3	9	2	4	3		1	3	6	3	1	1	1		4	2	24	402-1	64	1138	1175	4521

HOURS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS (Cont'd)

44 27.9N 150.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40																8	SEA- 8	8	2944	4390	4390
≥34																8	SEA- 8	8	2944	4390	4390
≥28																9	SEA- 8	9	2991	4437	4439
≥24	1											1				11	SEA- 7	13	2990	4899	4917
≥20										1						17	SEA- 8	18	3779	5459	5503
≥16	2				1		1	2			1	1		1	1	28	SEA- 4	38	3988	5535	5664
≥12	6	3	4	3	2	2	4	2	1	2	1	2		1	1	51	SEA- 1	85	4396	4747	5176
≥9	23	6	15	11	8	9	8	5	7	8	7	3	4	5	3	62	1776- 1	184	3546	3624	4684
≥6	31	24	22	21	20	13	11	14	13	13	6	7	6	4	1	36	360- 1	242	2062	2067	4381
≥3	36	20	12	13	13	7	3	5	3	5	1	1	1	1	1	2	108- 2	124	510	511	4341

HOURS INTERVAL BETWEEN EVENTS

45 27.8N 145.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40																8	SEA- 8	8	2944	4389	4389
≥34																8	SEA- 8	8	2944	4389	4389
≥28																8	SEA- 8	8	2944	4389	4389
≥24	1															11	SEA- 8	12	[illegible]	4712	4717
≥20	1			1				1				2				19	SEA- 7	24	3904	4983	5019
≥16	7	3		2	2	1	1	1			3				1	38	SEA- 5	59	4600	5204	5374
≥12	7	9	4	3	7	6	3	1	1	2	2	3	1	2	1	58	SEA- 3	110	4328	4609	5171
≥9	22	14	9	6	5	5	5	2	5	6	8	5	1	6	2	65	1200- 1	166	3136	3320	4515
≥6	44	23	16	17	22	12	13	5	4	5	4	6	8	3	4	37	300- 1	223	1811	1892	4355
≥3	32	18	11	9	10	2	4	5	4		3	1		1		2	120- 1	102	399	431	4333

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40																8	SEA- 8	8	2944	4389	4389
≥34																8	SEA- 8	8	2944	4389	4389
≥28																8	SEA- 8	8	2944	4389	4389
≥24																8	SEA- 8	8	2944	4389	4389
≥20																8	SEA- 8	8	2944	4389	4389
≥16																8	SEA- 8	8	2944	4389	4391
≥12	1	2		1												11	SEA- 5	17	3028	4597	4644
≥9	3	1	2		2		3	1		1		1			1	43	SEA- 2	58	4421	4888	5128
≥6	23	6	9	6	3	4	5	5	1	2	3	3	1	2	3	64	798- 1	140	3223	3461	4498
≥3	43	28	20	10	12	12	8	7	3	10	5	4	5	6	5	18	348- 1	196	1378	1474	4335

HOURS INTERVAL BETWEEN EVENTS

48 23.5N 151.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40																8	SEA- 8	8	2944	4390	4390
≥34																8	SEA- 8	8	2944	4390	4390
≥28																9	SEA- 8	9	3107	4553	4559
≥24										1						10	SEA- 8	11	3449	4895	4905
≥20										1						15	SEA- 6	16	3350	4791	4826
≥16					1	1	2			2				1	1	25	SEA- 6	33	4181	5541	5662
≥12	10	2	5	1	3	4	4	1	4	5	3	2	3			57	1386- 1	104	3695	4404	4880
≥9	25	11	10	8	9	6	8	7	4	7	4	3	2	4	2	73	726- 1	183	3170	3371	4597
≥6	50	23	23	14	11	10	10	9	6	16	1	5	2	3	5	27	462- 1	215	1524	1575	4366
≥3	24	12	9	4	9	4	1	2	2	1	1					1	114- 1	70	241	252	4334

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40																8	SEA- 8	8	2944	4390	4390
≥34																8	SEA- 8	8	2944	4390	4390
≥28																8	SEA- 8	8	2944	4390	4390
≥24																8	SEA- 7	8	2719	4440	4442
≥20																14	SEA- 7	14	3444	5353	5377
≥16	1	1	1								1				1	22	SEA- 4	27	3467	5971	6081
≥12	5	1	3	1	2	2	2		1	3	2	1		1	1	40	SEA- 3	65	3739	5216	5550
≥9	26	12	9	5	4	3	6	4	6	5	2	5	3		1	73	816- 1	164	3404	3912	4779
≥6	47	20	14	11	21	7	13	15	5	8	9	5	4	4	4	43	486- 1	230	2181	2247	4431
≥3	27	13	14	11	11	4	1	3	3	2	5	1	2			6	138- 1	103	499	499	4343

HOURS INTERVAL BETWEEN EVENTS

51 20.5N 177.1W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40																8	SEA- 8	8	2944	4390	4390
≥34																8	SEA- 8	8	2944	4390	4390
≥28																8	SEA- 8	8	2944	4390	4390
≥24																8	SEA- 8	8	2944	4390	4390
≥20																9	SEA- 7	9	2916	4500	4506
≥16	1											1				19	SEA- 7	21	3657	4862	4917
≥12	7	1	1		1	1		1	1	1	1					38	SEA- 4	53	4033	5074	5317
≥9	13	7	5	5	6	4		2	5	6	6		1	1	2	60	SEA- 1	123	3798	4235	5029
≥6	30	15	14	8	15	4	6	4	7	6	8	6		3	6	50	438- 1	182	2132	2209	4375
≥3	28	13	16	10	8	14	6	1	1	1	1	3	1			4	138- 1	107	468	468	4334

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40																9	SEA- 8	9	3002	4448	4451
≥34																9	SEA- 8	9	3001	4447	4452
≥28		1		1		1										11	SEA- 8	14	3478	4924	4942
≥24	3	1	1	1	1	1	2				1					17	SEA- 7	28	3744	5127	5199
≥20	8	3	1	1	5	1				2		1		1	1	35	SEA- 7	59	4540	5435	5659
≥16	16	5	7	4	3	2	3	1	6	3	3		2			47	SEA- 4	102	4426	5165	5758
≥12	20	6	13	4	5	6	7	5	5	3	4	1	2	7	2	50	SEA- 1	140	3105	3944	5308
≥9	30	12	12	4	10	4	6	10	4	4	7		1	2	2	45	762- 1	153	2174	2295	4536
≥6	16	10	15	6	5	4		3	3		6	3	2	4	3	26	312- 1	106	1142	1237	4435
≥3	18	8	7	4	5	6	4	3	1		1	2			1	5	132- 1	65	339	339	4359

HOURS INTERVAL BETWEEN EVENTS

54 18.2N 168.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40																8	SEA- 8	8	2944	4389	4389
≥34																8	SEA- 8	8	2944	4389	4389
≥28																9	SEA- 8	9	3201	4646	4649
≥24																10	SEA- 8	10	3399	5061	5074
≥20	2															15	SEA- 9	17	4174	5893	5926
≥16	3	1		1	1				1		1					23	SEA- 4	31	4127	5797	5908
≥12	6	5	1	3					6				2	3	1	45	SEA- 1	72	3670	4681	5092
≥9	18	5	4	3	2	2	6	2	4	9		4	2	1	6	64	918- 1	132	3204	3425	4406
≥6	27	20	5	9	6	9	10	11	5	5	3	6	3	4	6	42	696- 1	171	2010	2059	4350
≥3	28	20	9	8	7	4	5	2	7	2	4				2	2	132- 1	100	434	434	4333

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4389	4389
≥56																8	SEA- 8	8	2944	4389	4389
≥48																8	SEA- 8	8	2944	4389	4389
≥40																8	SEA- 8	8	2944	4389	4389
≥34																8	SEA- 8	8	2944	4389	4389
≥28																8	SEA- 8	8	2944	4389	4389
≥24																8	SEA- 8	8	2944	4389	4389
≥20																8	SEA- 8	8	2944	4389	4389
≥16																8	SEA- 8	8	2944	4389	4389
≥12																11	SEA- 8	11	3194	4639	4644
≥9	5	1	2	1	2			2					1			31	SEA- 5	45	4229	5112	5200
≥6	22	11	6	11	5	5	6	3	3	4	3	5	3	1	4	64	1206- 1	156	3612	4062	4694
≥3	57	34	19	20	11	19	6	8	13	4	9	4	6	4	2	23	306- 1	239	1615	1687	4359

HOURS INTERVAL BETWEEN EVENTS

57 14.9N 147.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40																8	SEA- 8	8	2944	4390	4390
≥34																8	SEA- 8	8	2944	4390	4390
≥28																8	SEA- 8	8	2944	4390	4390
≥24																10	SEA- 8	10	3218	4628	4634
≥20																14	SEA- 8	14	3825	5156	5175
≥16	1		1		1	1		1			1	1				23	SEA- 3	30	3664	5277	5353
≥12	15	8	8	4	6		2	4		2				1	3	56	1104- 1	109	3521	4383	4818
≥9	23	11	11	3	8	1	8	6	5	3	6	3	5	3	4	63	546- 1	163	3060	3226	4484
≥6	38	21	17	9	11	8	17	10	3	10	3	6	2	1	5	31	222- 2	192	1545	1570	4370
≥3	19	11	5	3	4	4		1		1	2	3				2	162- 1	55	233	235	4338

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40																8	SEA- 8	8	2944	4390	4390
≥34																8	SEA- 8	8	2944	4390	4390
≥28																8	SEA- 8	8	2944	4390	4390
≥24																8	SEA- 8	8	2944	4390	4390
≥20																8	SEA- 8	8	2944	4390	4390
≥16																11	SEA- 9	11	3490	4758	4763
≥12	1		1		1		2							1		19	SEA- 5	25	3481	4990	5051
≥9	9	8	6	5	4	2	4	1	4	2	1		1		3	48	SEA- 3	98	4689	5466	5956
≥6	38	15	12	8	9	7	8	4	4	4	3	4	6	3	6	45	876- 1	176	2553	2590	4485
≥3	10	12	9	7	4	5	3	4	2	1		2	1	1	1	11	222- 1	93	574	582	4345

HOURS INTERVAL BETWEEN EVENTS

60 12.2N 112.6E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40																9	SEA- 8	9	3003	4449	4452
≥34																9	SEA- 8	9	3002	4448	4453
≥28																12	SEA- 8	12	3650	5096	5115
≥24	2	3					1	1	1	1						15	SEA- 8	24	3738	5184	5247
≥20	1	2			1	3									1	20	SEA- 7	28	3950	5149	5303
≥16	2	2		3	2			1	1	3			1	2	1	29	SEA- 8	47	4667	5659	6025
≥12	5	4	1	2	4	3	1	2	1		3	1	1		1	47	SEA- 4	76	4274	5039	5964
≥9	7	5	2	5	4	2	2	3	5	3	4		2	1	1	49	SEA- 1	95	3248	4154	5758
≥6	24	11	8	6	2	3	3		3	8		4	1		7	38	1066- 1	118	2226	2341	4907
≥3	17	9	6	2	2	3	4	2	1			1	4	2	1	19	330- 1	73	849	870	4450

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	4390	4390
≥48																8	SEA- 8	8	2944	4390	4390
≥40																8	SEA- 8	8	2944	4390	4390
≥34																8	SEA- 8	8	2944	4390	4390
≥28																9	SEA- 8	9	3007	4453	4456
≥24																9	SEA- 8	9	3006	4452	4458
≥20	1								1				1			13	SEA- 8	16	3510	4956	5002
≥16	1	1		2	2		1		2		1					23	SEA- 9	33	4506	5584	5778
≥12	3	2			1	3	3	1	1	1		1	2	1		34	SEA- 8	53	4661	5812	6410
≥9	4	2	4	2	2	1		1	2	3	3	1	3	5		47	SEA- 6	80	4392	5062	6113
≥6	8	1	1	2	2	4	6	3	1	3	3		2		3	41	SEA- 2	80	2789	3568	5831
≥3	9	2	4	3		1	3	6	3	1	1	1		4	2	24	402- 1	64	1138	1175	4521

HOURS INTERVAL BETWEEN EVENTS

63 2.1N 123.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																8	SEA- 8	8	2944	4390	4390
≥56																8	SEA- 8	8	2944	[illegible]	[illegible]
≥48																8	SEA- 8	8	2944	[illegible]	[illegible]
≥40																8	SEA- 8	8	2944	[illegible]	[illegible]
≥34																8	SEA- 8	8	2944	[illegible]	[illegible]
≥28																8	SEA- 8	8	[illegible]	[illegible]	[illegible]
≥24																8	SEA- 8	8	[illegible]	[illegible]	[illegible]
≥20																8	SEA- 8	8	[illegible]	[illegible]	[illegible]
≥16																12	SEA- 9	12	[illegible]	[illegible]	[illegible]
≥12	1		1	1	1						1			1	1	25	SEA- 7	32	[illegible]	[illegible]	[illegible]
≥9	3	2	1	4	4	1	2		2	1		1				35	SEA- 3	57	[illegible]	[illegible]	[illegible]
≥6	14	13	6	4	3	6	4	2	3	1	3	2	1	3	4	55	1476-	126	[illegible]	[illegible]	[illegible]
≥3	23	10	5	4	6	2	2	3	1	1	6					6	192-	71	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

4

WAVE HEIGHT INTERVALS

1 64.0N 166.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																7	SEA-6	7	2256	4262	4265
≥28																7	SEA-6	7	2256	4261	4265
≥24																7	SEA-6	7	2255	4259	4265
≥20													1			12	SEA-5	13	2716	4464	4485
≥16	1								1			2				20	SEA-5	24	3257	4975	5038
≥12	8		2		1	2	3	1		3	1	1				31	SEA-3	53	3796	4871	5096
≥9	15	3	7	4	3	3	1	7	2	5	2	6	2	1	6	55	SEA-1	122	4248	4616	5195
≥6	42	9	11	12	10	8	8	9	7	6	6	4	3	3	4	48	972-1	190	3026	3232	4623
≥3	37	27	20	5	12	14	9	10	7	7	6	5	2	2		30	372-1	193	1600	1637	4349

HOURS INTERVAL BETWEEN EVENTS

2 59.4N 172.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40												1				6	SEA-6	7	2220	4264	4265
≥34												1				8	SEA-6	9	2431	4423	4430
≥28						1					1			1		9	SEA-6	12	2452	4412	4431
≥24	2				1			1			1		1			13	SEA-5	19	2595	4637	4689
≥20	1				1		2			3	1		2		1	22	SEA-4	33	2860	4813	4943
≥16	1	1	2	4	2	1		2	2	4	2		2	2	1	37	SEA-3	63	3912	5214	5530
≥12	6	5	6	4	7	5	1	5	1	4	2	5	3	3	1	50	2130-1	108	4045	4389	5059
≥9	6	13	7	4	12	5	5	7	7	3	2	4	5	1		58	1362-1	139	3295	3544	4731
≥6	18	15	17	10	12	8	6	5	6	5	4	3	6	4	2	47	558-1	168	2251	2379	4377
≥3	18	16	16	18	9	9	7	2	6	4	2	4	2	1	2	19	258-1	135	1017	1044	4289

HOURS INTERVAL BETWEEN EVENTS

4 56.8N 174.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34		1														8	SEA-6	9	2373	4376	4384
≥28		1				1		1			1				1	13	SEA-7	18	3139	4925	4956
≥24	2			1		1	2			1	1		1			27	SEA-6	36	3782	5519	5626
≥20	3			1	3	2	2			1	2	3				32	SEA-4	49	3646	5251	5480
≥16	4	2	4	4	3	4		1	3	2	2		1	2	3	43	SEA-3	78	3970	5267	5674
≥12	7	6	7	5	5	3	2	5	3	6	3	2	4	4	6	51	1740-1	119	3580	4232	5056
≥9	17	9	7	10	12	6	9	4	2	8	4	6	5	4	1	43	942-1	147	2846	3134	4539
≥6	23	14	19	11	10	10	6	3	4	4		3	5	5	2	43	546-1	162	1893	1991	4269
≥3	24	15	14	7	9	6	11	6	4	5	4		1	4	2	9	222-2	121	772	804	4253

HOURS INTERVAL BETWEEN EVENTS

5 56.8N 141.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																10	SEA-7	10	2804	4471	4478
≥28																11	SEA-7	11	2917	4583	4603
≥24		2	1	1	1				1		1					18	SEA-7	25	3354	4860	4933
≥20	2	1		1	1		1	3			1			1	2	32	SEA-7	45	3979	5251	5451
≥16	4	1	3	2	5	2	4	6	2	6	3	1	3	2	1	41	SEA-2	86	3595	5317	5830
≥12	11	8	7	8	10	7	7	7	5	4		5	2	3	6	51	SEA-1	141	4105	4776	5847
≥9	8	13	21	7	10	8	3	3	7	7	3	3	1	5	3	49	1596-1	151	3038	3120	4844
≥6	29	16	15	3	6	2	7	9	5	6	5	5	3	6	1	34	1020-1	152	1825	1868	4472
≥3	26	9	7	11	9	4	3	2	4	6	1	1		1	1	15	264-1	100	693	693	4292

HOURS INTERVAL BETWEEN EVENTS

7 53.4N 164.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34				1												7	SEA-6	8	2264	4316	4320
≥28			1				1	1		1	1					11	SEA-7	16	2804	4549	4571
≥24	1		1			1	2		1		1					21	SEA-7	28	3367	5025	5093
≥20		2		3	1	1	1	1	1			1	1		2	37	SEA-6	51	3925	4945	5137
≥16	3	4	4	1	1	3	1	3	2	1	5	1	4	2	2	38	SEA-5	75	3792	4928	5333
≥12	5	6	9	6	7	4	6	7	3	4	3	3	5	3	2	45	SEA-2	118	3827	4657	5449
≥9	20	20	16	9	5	11	5	6	5	4	6	1	3	2	2	49	1110-1	164	2971	3185	4612
≥6	20	13	16	9	7	5	9	5	6	2	2	3	3	2	4	44	738-1	150	2015	2081	4366
≥3	21	22	15	6	9	11	9	5	6	5	2	6		1	2	12	270-1	132	858	886	4248

HOURS INTERVAL BETWEEN EVENTS

8 52.0N 172.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																7	SEA-6	7	2486	4543	4544
≥34				2					1							13	SEA-5	16	2539	4412	4431
≥28	1	1	1				1		1	1	1				1	20	SEA-6	28	3313	5018	5085
≥24		1	2	1			1	1	1	1		1	1		1	28	SEA-5	39	3696	5284	5425
≥20	5	2		3	1	4		1		3	1	1			2	47	SEA-4	70	4264	4956	5254
≥16	9	2	7	10	4	3	1	4	2	5		2	2	3	2	50	SEA-3	106	4141	4601	5160
≥12	16	13	13	4	4	2	12	2	5	5	4	3	7	4	2	50	1398-1	146	3283	3558	4620
≥9	20	20	14	13	11	10	4	4	5	3	3	3	2	3	5	51	744-1	171	2719	2805	[illegible]
≥6	25	25	11	13	9	10	5	5	7	3	2	6	4	2	3	42	306-1	172	1678	1714	[illegible]
≥3	31	16	14	11	7	4	3	6	4	3	3	2	2	1	2	4	282-1	113	573	584	4248

HOURS INTERVAL BETWEEN EVENTS

10 51.7N 135.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																8	SEA-6	8	2404	4461	4464
≥28						1			1							15	SEA-6	17	3000	4807	4837
≥24	1	2		3	1		1	2				2				21	SEA-6	33	3859	5219	5305
≥20	3	1	3		3	1		4	1	1	1	2	1	1	1	32	SEA-6	55	4140	5395	5646
≥16	5	3	6	4	4		2	3	4	2	3	4	6	1	2	46	SEA-4	95	4099	5265	5820
≥12	16	11	4	9	5	5	5	7	3	7	8	8	1		2	47	2058-1	138	3695	4011	5210
≥9	26	12	18	11	11	8	14	5	8	9	4	2	4	4	1	40	1476-1	177	2819	2955	4999
≥6	24	19	12	12	10	10	8	3	4	2	3	6	3	4	2	27	792-1	149	1492	1540	4522
≥3	15	14	13	7	4	6	2	2	2	2	3	1	2	1		4	174-1	78	411	411	4254

HOURS INTERVAL BETWEEN EVENTS

11 51.3N 158.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40								1								7	SEA-6	8	2380	4428	[illegible]
≥34							1								1	12	SEA-[illegible]	14	3038	4558	4584
≥28		1		1					1	1			1	1	1	19	SEA-8	26	3799	4906	4991
≥24	2				1	1	4	2				3			1	31	SEA-6	45	3790	5191	5314
≥20	4	7	4	2	8	3	2	2	3	5	3		2	2	3	43	SEA-5	93	4601	5655	6069
≥16	9	5	11	12	6	4	9	6	4		2	4	4	4	3	54	SEA-1	132	4351	4674	5486
≥12	12	18	8	13	6	8	10	4	4	3	5	3	2	6	5	56	1722-1	163	3453	3626	[illegible]
≥9	23	17	13	12	14	11	3	9	9	5	3	6	7		3	42	1218-1	[illegible]	[illegible]	2629	4838
≥6	25	23	19	10	13	10	9	7	2	2	7	3	1	1	2	22	402	156	[illegible]	[illegible]	4459
≥3	16	6	13	6	3	4	2	1	1	1	3	2				3	228	61	304	304	4266

HOURS INTERVAL BETWEEN EVENTS

13 50.3N 171.3W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48							1									6	SEA-6	7	2215	4264	4265
≥40				1												7	SEA-6	8	2373	4421	4429
≥34			1									1				11	SEA-6	13	2470	4467	4490
≥28	1	1	1								3	1	1	1	1	21	SEA-5	31	3292	4877	4952
≥24	2	1		2	1	2		1	3		4	2	2	1	2	26	SEA-4	49	3725	5185	5356
≥20	6	2	3	1	5	3	4		2	4		2	3	1	1	42	SEA-2	79	4347	5201	5561
≥16	12	6	8	8	6	6	2	4	2	5	5	3	1		2	48	SEA-2	118	4384	4626	5321
≥12	16	20	9	4	8	4	4	7	3	5	4	2	3	3	3	57	1818-1	152	3216	3399	4709
≥9	28	19	11	6	14	11	7	7	6	7	4	5	4	1	3	47	642-1	180	2285	2361	4375
≥6	27	21	12	[illegible]	9	5	4	8	4	5	2	1	2	4		33	330-1	149	1359	1395	4328
≥3	11	11	13	8	12	6	5	1	1	2	4	1	1	1		6	144-2	83	472	472	4272

HOURS INTERVAL BETWEEN EVENTS

14 49.3N 174.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	[illegible]	[illegible]
≥56																6	SEA-6	6	2208	[illegible]	[illegible]
≥48																6	SEA-6	6	2208	[illegible]	[illegible]
≥40		1														7	SEA-6	8	2244	[illegible]	[illegible]
≥34	1								2		1					11	SEA-5	[illegible]	2443	[illegible]	4414
≥28		2			1	1		1	1	3				1	1	21	SEA-5	32	3244	4859	[illegible]
≥24	3	3	2	2	1	2	1	1	1			2		1	3	38	SEA-4	[illegible]	4146	[illegible]	[illegible]
≥20	4	4	8	3	2	3	2	3	3	2	2	2			2	47	SEA-4	[illegible]	4131	[illegible]	5241
≥16	9	16	5	9	1	3	5	6		4	6	3	2	3	4	49	1668	[illegible]	4114	[illegible]	[illegible]
≥12	35	15	9	10	6	4	7	5	7	5	3	2	5	4	3	55	[illegible]	175	3179	3328	[illegible]
≥9	16	21	10	15	14	7	4	6	5	6	6	3	6	3	5	43	720	[illegible]	[illegible]	[illegible]	[illegible]
≥6	33	36	14	7	11	10	5	5	6	3	4	7			2	[illegible]	318	[illegible]	[illegible]	[illegible]	4268
≥3	9	18	9	7	4	2	1	7	3			1	1		1	3	138	66	[illegible]	[illegible]	4246

HOURS INTERVAL BETWEEN EVENTS

16 47.1N 161.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40	1															8	SEA-6	9	2294	4347	4354
≥34	1						1						1			11	SEA-6	14	2515	4334	4357
≥28	1		1	1	2		2					1		1		20	SEA-6	29	2903	4630	4717
≥24	4	3	2	1	2	2			2		1	2	1			38	SEA-8	58	4384	5501	5682
≥20	7	4	4	3	2	3	2	3	2	2	2	1	1	5	2	46	SEA-5	89	4486	5559	5973
≥16	13	8	14	6	3	4	10	6	6	3	4	4	3	6	4	46	SEA-3	140	4441	5116	6079
≥12	20	19	12	12	16	13	8	4	4	3	3	4	7	2	4	54	1482-1	185	3304	3366	4822
≥9	21	25	15	15	10	8	10	10	8	5	3	6	3	3	6	38	864-1	186	2320	2368	4532
≥6	32	19	26	16	13	11	5	3	7	2	6	4	4	2	5	20	708-1	177	1362	1364	4392
≥3	20	14	12	11	5	5	1	5	3	2	1	3				3	120-1	85	378	379	4247

HOURS INTERVAL BETWEEN EVENTS

17 45.8N 139.3E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16	1															11	SEA-6	12	2461	4564	4572
≥12	6								2		1				1	27	SEA-6	37	3190	4863	5036
≥9	9	5	8	3	3	2	1	1	2	2	2	3	3	1	1	52	SEA-2	98	4360	5696	6001
≥6	25	16	14	9	12	13	6	6	6	9	5	5	7	3	6	55	1746-1	197	3707	4004	4931
≥3	46	30	31	29	23	12	13	10	6	8	2	8	3	4	3	39	360-1	267	2138	2186	4342

HOURS INTERVAL BETWEEN EVENTS

19 44.3N 177.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4268
≥40											1					7	SEA-6	8	2274	4331	4339
≥34		1									1					9	SEA-6	11	2558	4689	4711
≥28		1					1			3				1	1	22	SEA-6	29	3395	4931	5026
≥24	4		3	1	1	3	1	1	3	3		2	1	1	1	31	SEA-5	56	3761	5033	5228
≥20	3	6	6	4	4	5	3	4	4	2	1	1	2	1		44	SEA-4	90	4786	5616	6006
≥16	11	17	9	9	5	5	3	4	4	7	1	3		2	3	59	SEA-1	142	4234	4379	[illegible]
≥12	18	25	12	8	7	7	9	8	5	5	5	5	5	4	4	52	1146-1	179	3019	3089	4581
≥9	[illegible]	13	19	13	13	4	11	7	5	9	6	3	5	5	2	38	552-1	191	2137	2197	4318
≥6	32	21	28	11	9	11	8	4	4	7	4	6	1		2	22	282-1	170	1185	1198	4283
≥3	23	25	11	3	6	3	3	5	1	2	1	1	1	2		3	114-1	90	371	371	4256

HOURS INTERVAL BETWEEN EVENTS

20 44.2N 152.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																7	SEA-7	7	2376	4418	4420
≥34											1					8	SEA-7	9	2612	4545	4555
≥28							1	1			1					15	SEA-7	18	3044	4844	4894
≥24	2		3	1		1		1		2		1				22	SEA-7	33	3862	5270	5338
≥20	4	3	4	3	3		4			5	1	2	1	2	1	32	SEA-6	65	4518	5617	[illegible]
≥16	6	8	9	3	3	2	11	4	1	5	3	2	3	2	1	51	SEA-1	114	4457	4981	5600
≥12	20	14	12	15	4	10	6	10	6	5	1	4	3	4	2	52	1644-1	168	3498	3644	5198
≥9	21	8	27	12	18	7	6	8	3	3	3	4	1	3	2	47	1080-1	173	2435	2465	4668
≥6	25	17	17	8	5	6	7	6	5	1	5	3	5	2	5	22	678-1	139	1389	1391	4501
≥3	19	18	9	8	7	6	3		3	2		2			1	4	186-1	82	391	391	4293

HOURS INTERVAL BETWEEN EVENTS

2 59.4N 172.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40												1				6	SEA-6	6	2220	4277	4277
≥34												1				8	SEA-6	9	2431	4427	4430
≥28						1					1			1		9	SEA-6	12	2452	4412	4431
≥24	2				1			1			1		1			13	SEA-5	19	2595	4637	4689
≥20	1				1		2			3	1		2		1	22	SEA-4	33	2860	4813	4943
≥16	1	1	2	4	2	1		2	2	4	2		2	2	1	37	SEA-3	61	3912	5214	5630
≥12	6	5	6	4	7	5	1	5	1	4	2	5	3	3	1	50	2130-1	108	4094	4380	5059
≥9	6	13	7	4	12	5	5	7	7	3	2	4	5	1		58	1362-1	139	3255	3344	4731
≥6	18	15	17	10	12	8	6	5	6	5	4	3	6	4	2	47	558-1	168	2251	2379	4377
≥3	18	16	16	18	9	9	7	2	6	4	2	4	2	1	2	19	258-1	135	1017	1044	4289

HOURS INTERVAL BETWEEN EVENTS

3 58.5N 151.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																8	SEA-6	8	2301	4310	4314
≥28																16	SEA-6	16	3124	4702	4730
≥24	1			1			1								1	19	SEA-7	23	3487	4798	4861
≥20	1		1			2			1		1		1			27	SEA-8	34	4269	5496	5633
≥16	2	1	1		1	5	1	2	1	2	2	1	3	1		43	SEA-6	66	4917	5741	6068
≥12	7	6	2	10	5	2	3	3	4	3	3	2	3	5	1	59	2034-1	118	4472	4990	5742
≥9	13	5	7	7	7	4	3	5	3	8	3	7	6	4	9	52	1944-1	143	3860	4089	5296
≥6	17	15	11	6	10	9	10	16	9	11	4	2	3	5	5	43	882-1	176	2734	2808	4762
≥3	28	18	25	15	12	9	6	8	5	2	2	6	3	3	2	19	402-1	163	1272	1286	4407

HOURS INTERVAL BETWEEN EVENTS

5 56.8N 141.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																10	SEA-7	10	2804	4471	4478
≥28																11	SEA-7	11	2917	4583	4603
≥24		2	1	1	1				1		1					18	SEA-7	25	3354	4860	4933
≥20	2	1		1	1		1	3			1			1	2	32	SEA-7	45	3979	5251	5451
≥16	4	1	3	2	5	2	4	6	2	6	3	1	3	2	1	41	SEA-2	86	3595	5317	5830
≥12	11	8	7	8	10	7	7	7	5	4		5	2	3	6	51	SEA-1	141	4105	4776	5847
≥9	8	3	21	7	10	8	3	3	7	7	3	3	1	5	3	49	1596-1	151	3038	3120	4844
≥6	29	16	15	3	6	2	7	9	5	6	5	5	3	6	1	34	1020-1	152	1825	1868	4472
≥3	26	9	7	11	9	4	3	2	4	6	1	1		1	1	15	264-1	100	593	693	4292

HOURS INTERVAL BETWEEN EVENTS

6 54.9N 167.1W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34	1															8	SEA-6	9	2371	4428	4432
≥28					1					1			1			13	SEA-4	16	2483	4588	4627
≥24	1			2				1	1		2	2	1		1	19	SEA-4	30	3300	4999	5104
≥20	3	2	1		1		2	1	1	2	3	1		1	1	35	SEA-2	54	3488	5064	5281
≥16	9	4	3	1	2	7	4	4	3	5	5	4	4	1	1	46	SEA-1	101	4232	4948	5407
≥12	15	10	10	5	8	8	5	8	3	1	2	4	1	4	2	59	1686-1	145	3848	4129	5121
≥9	22	17	15	13	9	4	5	5	8	5	6	4	4	4	4	52	1680-1	177	3002	3205	4824
≥6	26	23	15	14	15	11	7	8	6	3	4	4	4	1	2	34	450-1	177	1613	1740	4347
≥3	24	24	13	9	12	8	3	4	1	4	4	2	2	1		7	162-1	118	606	615	4282

HOURS INTERVAL BETWEEN EVENTS

8 52.0N 172.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																7	SEA-6	7	2486	4543	4544
≥34				2					1							13	SEA-5	16	2539	4412	4431
≥28			1				1			1	1				1	20	SEA-6	28	3313	5018	5085
≥24			2				1	1		1	1	1	1			28	SEA-5	39	3696	5284	5425
≥20	5	2		3	1	4		1		3	1	1			2	47	SEA-4	70	4264	4956	5254
≥16	9	2	7	10	4	3		1	4	2	5	2	2	3	2	50	SEA-3	106	4141	4601	5160
≥12	16	3	3	4	4	2	12	2	5	5	4	3	7	4	2	50	1398-1	146	3283	3558	4620
≥9	20	20	4	3	10	4	4	5	3	3	3	2	2	3	5	51	744-1	171	2719	2805	4516
≥6	25	25	1	13	9	10	5	5	7	3	2	6	4	2	3	42	306-1	172	1678	1714	4255
≥3	31	6	4	1	7	4	3	6	4	3	3	2	2	1	2	4	282-1	113	573	584	4248

HOURS INTERVAL BETWEEN EVENTS

9 51.7N 158.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																7	SEA-6	7	2276	4263	4265
≥34																9	SEA-6	9	2381	4303	4310
≥28		1			1			1		1	1	1				14	SEA-6	20	2638	4572	4617
≥24	3	1	1		1	1		1		1		1				23	SEA-6	33	3408	4828	4920
≥20	3	4	1	2		1	1	1		3	1	1	1	1	1	31	SEA-6	52	3838	5176	5377
≥16	5	3	3	1	4	2	2	3		1		4		3	2	48	SEA-4	81	4366	5421	5842
≥12	12	7	10	5	5	7	4	4	1	2	1	10	2	5	3	51	SEA-2	129	3780	4087	4962
≥9	18	14	16	8	3	7	4	1	6	4	5	1	5	5	1	63	1104-1	161	3059	3245	4640
≥6	24	18	20	9	11	10	6	4	5	5	9	2	5	2	6	46	588-1	182	2141	2202	4399
≥3	31	13	15	9	5	9	8	7	5	6	7	4		4	2	12	264-1	137	942	960	4295

HOURS INTERVAL BETWEEN EVENTS

11 51.3N 158.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40								1								7	SEA-6	8	2380	4428	4431
≥34															1	12	SEA-7	14	3038	4558	4584
≥28									1	1				1	1	19	SEA-8	26	3799	4906	4991
≥24					1	1	4	2				3			1	31	SEA-6	45	3790	5191	5374
≥20	4	7	4	2	8	3	2	2	3	5	3		2	2	3	43	SEA-5	93	4681	5635	6069
≥16	3	5	11	2	6	4	9	6	4		2	4	4	4	3	54	SEA-1	137	4357	4674	5480
≥12	12	8	8	1	6	8	10	4	4	3	5	3	2	6	5	56	1722-1	163	3453	3620	5118
≥9	23	17	3	2	14		1	9	9	5	3	6	7		3	42	1218-1	177	2561	2629	4838
≥6	25	23	13	10	13	10	9	7	2	2	7	3	1	1	2	22	402-1	156	1301	1320	4459
≥3	6	6		3	6	3	4	2	1	1	1	3	2			3	228-1	61	304	304	4266

HOURS INTERVAL BETWEEN EVENTS

12 50.9N 145.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34			1													8	SEA-6	9	2457	4427	4434
≥28		1			1		2			1			1	1		20	SEA-7	27	3680	4928	4979
≥24	2	1		2	2	3	1			2		1	1	1	1	29	SEA-5	46	3762	5309	5478
≥20	4	1	5	4	1	5	2	1	1	2	3	2	2	1		41	SEA-6	75	4413	5431	5804
≥16	9	3	8	8	2	5	1	9	4	2	4	2	5	1	4	51	SEA-4	118	4610	4873	5643
≥12	15	11	16	18	12	14	5	4	2	4	5	7	1	4	1	54	1656-1	173	3489	3578	5173
≥9	18	16	16	5	18	6	8	7	8	2		8		3	3	41	1338-1	159	2258	2295	4674
≥6	26	12	15	17	6	7	8	2	11	4	4	4	3	1	4	19	696-1	143	1213	1226	4423
≥3	12	13	11	4	7	2	3	2	1	2	1		1			4	240-1	63	328	328	4272

HOURS INTERVAL BETWEEN EVENTS

14 49.3N 174.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																7	SEA-6	8	2244	4296	4301
≥34									2		1					11	SEA-5	15	2483	4388	4414
≥28									1	3				1	1	21	SEA-5	32	3244	4859	4965
≥24	1	1										2	1	1	3	38	SEA-4	61	4146	4997	5218
≥20	4	4	8	3	2	3	2	3	1	2	2	2			2	47	SEA-4	87	4133	4830	5241
≥16	3	16	5	9		3	5	6		4	6	3	2	3	4	49	1668-1	125	4114	4456	5198
≥12	15	5	19	10	6	4	7	5	7	5	3	2	5	4	3	55	1284-1	175	3179	3328	4701
≥9	16	21	10	5	14	7	4	6	5	6	6	3	6	3	5	43	720-1	170	2272	2343	4411
≥6	13	36	14	7	11	10	5	5	6	3	4	7			2	27	318-1	170	1247	1262	4268
≥3	2	8	9	7	4	2	1	7	3			1	1		1	3	138-1	66	319	322	4246

HOURS INTERVAL BETWEEN EVENTS

15 49.0N 128.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28										1						9	SEA-6	10	2477	4306	4318
≥24					1	1	1		1							15	SEA-7	19	3199	4533	4569
≥20					2	1			1	1			1		1	24	SEA-7	31	3761	5096	5203
≥16	4	5			2	2	3			3	1	2	2		1	31	SEA-6	56	3760	5141	5430
≥12	4	3	8	3	6	3	5	8	1	3	3	3	2	1	1	45	SEA-2	99	3637	4767	5528
≥9	11	10	8	12	6	7	5	2	5	2	3	5	6	2	2	54	SEA-1	140	3603	3918	5428
≥6	25	11	16	9	15	7	4	3	10	5	2	1	6	4	5	35	1212-1	158	1872	1930	4599
≥3	22	8	8	4	7	6	1	2	5	2	2	1	1	1	3	8	144-2	81	499	499	4262

HOURS INTERVAL BETWEEN EVENTS

17 45.8N 139.3E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16	1															11	SEA-6	12	2461	4584	4572
≥12	6								2		1				1	27	SEA-6	37	3390	4963	5036
≥9	9	5	8	3	3	2	1	1	2	2	2	3	3	1	1	52	SEA-2	98	4360	5696	6001
≥6	25	16	14	9	12	13	6	6	6	9	5	5	7	3	6	55	1746-1	197	3707	4004	4930
≥3	46	30	31	29	23	12	13	10	6	8	2	8	3	4	3	39	360-1	267	2138	2186	4342

HOURS INTERVAL BETWEEN EVENTS

18 45.6N 144.2W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4392	4397
≥28	1					1	1							1		12	SEA-6	16	2262	4446	4474
≥24	2				2	1	2				1	1				25	SEA-7	34	3817	5538	5641
≥20	2	1	3	3	2		1	3	1	1	2		1	2	1	36	SEA-6	62	4270	5461	5721
≥16	5	7	4	9	7	3	5	2	3	1	6	1	1	2	3	43	SEA-4	102	4319	5181	5807
≥12	11	8	13	6	4	6	4	10	4	3	7	2	6	3	1	58	2196-1	146	[illegible]	4009	5282
≥9	21	13	16	8	10	6	8	6	5	9	4	5	3	7	1	43	1590-1	165	[illegible]	[illegible]	4824
≥6	19	16	11	14	6	6	8	6	6	3	4	1	3	2	2	27	498-1	134	1384	1387	4458
≥3	14	10	9	6	8		6	4	5	1	1		1	2	3	2	444-1	72	442	442	4315

HOURS INTERVAL BETWEEN EVENTS

20 44.2N 152.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																7	SEA-7	7	2576	4418	4420
≥34												1				8	SEA-7	9	2612	4545	4555
≥28							1	1				1				15	SEA-7	18	3044	4844	4894
≥24	2		3	1		1		1		2		1				22	SEA-7	33	3862	5220	5336
≥20	4	3	4	3	1		4			5	1	2	1	2	1	32	SEA-6	65	4518	5617	5892
≥16	6	8	9	3	3	2	11	4	1	5	3	2	3	2		51	SEA-1	114	4437	4903	5600
≥12	20	14	12	15	4	10	6	10	6	5	1	4	3	4	2	52	1644-1	168	3498	3844	5196
≥9	21	8	27	12	18	7	6	8	3	3	3	4	1	3	2	47	1080-1	173	2435	2465	4668
≥6	25	17	17	8	5	6	7	6	5	1	4	3	5	2	5	22	678-1	139	1389	1391	4501
≥3	19	18	9	8	7	6	3		3	2		2			1	4	186-1	82	391	391	4291

HOURS INTERVAL BETWEEN EVENTS

21 43.7N 128.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	[illegible]	[illegible]
≥56																6	SEA-6	6	2208	[illegible]	[illegible]
≥48																6	SEA-6	6	2208	[illegible]	[illegible]
≥40																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥34																7	[illegible]	7	[illegible]	[illegible]	[illegible]
≥28											1				1	7	[illegible]	9	[illegible]	[illegible]	[illegible]
≥24														1	1	13	[illegible]	15	3170	[illegible]	4516
≥20								1	2					1		18	SEA-7	20	[illegible]	[illegible]	[illegible]
≥16	1		1	2	1		1						2	2		30	SEA-6	42	[illegible]	[illegible]	[illegible]
≥12	6	5	1	3	3		2	1	2		1		3	2	2	45	SEA-2	76	4516	[illegible]	[illegible]
≥9	16	14	9	9	5	4	6	5	4	5	5	3	3	4	1	56	2112-1	149	[illegible]	[illegible]	[illegible]
≥6	25	11	20	15	13	13	5	6	2	7	5	3	3	1	3	44	474-1	176	[illegible]	[illegible]	[illegible]
≥3	28	23	16	9	7	8	7	4	3	4	1	4		2	1	6	[illegible]	123	605	605	[illegible]

HOURS INTERVAL BETWEEN EVENTS

SPRING

WAVE HEIG

22 — 42.8N 167.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4396	4401
≥34																8	SEA-6	8	2259	4392	4402
≥28	1						1		1				1	1		20	SEA-7	25	3361	4800	4846
≥24	1			2	1		1	1	2			1	2	1		28	SEA-7	40	3843	5326	5456
≥20	5	2	3	3		1	3	3	2	2	4			1	1	35	SEA-6	65	4403	5271	5564
≥16	10	7	6	5	7	6	2	5	2	2		3	1	2	2	52	SEA-1	112	4250	4909	5517
≥12	24	10	12	8	10	13	7	3	7	3	7	2	5	5	3	54	1692-1	173	3351	3460	4834
≥9	23	19	21	11	13	7	7	7	7	6	4	4	2	4	3	45	1500-1	185	2508	2574	4747
≥6	26	34	16	18	9	5	7	5	5	4	4		2	3	2	20	306-1	160	1130	1134	4312
≥3	15	8	5	6	2	4	2	3	3	1	1	3	2			3	138-1	58	312	312	4263

HOURS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																7	SEA-6	7	2263	4320	4322
≥48																7	SEA-6	7	2262	4319	4323
≥40																9	SEA-6	9	2290	4347	4359
≥34												2				10	SEA-6	12	2343	4385	4410
≥28			1								2					14	SEA-7	17	2962	4580	4628
≥24	2	2	1	1	1	1		1	1	1		2			1	22	SEA-7	36	3506	4751	4861
≥20	3	2	1	2	2	4	2	5	2	2	1	2	1	3	2	36	SEA-5	70	4372	5679	5950
≥16	8	9	2	9	9	7	5	4	3	2	1	4	3	2	5	56	SEA-2	129	4079	4459	5058
≥12	13	20	8	16	11	7	11	3	5	6	3	8	2	3	4	56	SEA-1	176	3514	3613	4881
≥9	30	23	17	15	14	8	7	7	6	9	5	7	2	6	3	51	1644-1	210	2665	2731	[illegible]
≥6	46	19	28	17	16	16	13	7	7	6	3	4	6	1	2	21	264-1	212	1376	1382	4279
≥3	31	20	12	9	6	2	6	2	1	1				1	2	3	126-1	96	359	361	4244

HOURS INTERVAL BETWEEN EVENTS

25 — 40.2N 131.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16																6	SEA-6	6	2208	4264	4265
≥12														1		8	SEA-6	9	2347	4272	4280
≥9			1									2		1		24	SEA-1	28	2680	4509	4570
≥6	9	4	7	5	3	5	2	2	2	2	2	3		3	3	49	SEA-1	101	3639	4436	4789
≥3	40	22	28	17	17	10	19	10	8	7	14	7	8	6	5	52	750-1	270	2869	3007	4326

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34					1			1								9	SEA-6	11	2330	4336	4348
≥28			1	1			1									11	SEA-6	14	2391	4354	4386
≥24		2	2			1	1									19	SEA-7	25	3274	4769	4832
≥20	1	3			2	1	1								1	27	SEA-7	36	3946	5319	5444
≥16	9	7	3	1	2	1		3		1	2		3	2	3	53	SEA-3	87	4188	5487	5802
≥12	9	12	9	4	9	1	6	5	3	7	7		9	3	1	64	SEA-1	149	3935	4877	5666
≥9	23	16	21	20	14	2	5	6	8	9	6	5	4	4	4	58	1536-1	205	3051	3155	4674
≥6	39	33	13	17	7	12	14	7	3	8	5	5	2	3	5	36	420-1	209	1794	1821	4308
≥3	30	20	22	13	7	4	6	2	5	4	2	2	2		3	7	162-1	129	643	646	4255

HOURS INTERVAL BETWEEN EVENTS

28 — 36.1N 123.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																12	SEA-6	12	2580	4384	4397
≥16	7	4	1	1			1	1	1	1	1	1	1		1	31	SEA-6	52	4449	5664	5782
≥12	19	16	8	4	8	3	4	3	5	2	4	2		5	4	65	SEA-1	152	4209	4483	5011
≥9	58	27	19	8	8	12	13	6	5	11	6	1	3	4	12	52	786-1	245	2695	2810	4406
≥6	38	28	16	8	11	11	7	4	4	7	6	3	3	5	3	21	336-1	175	1268	1288	4271
≥3	20	4	6	3	4	8	4	2	5	2						3	138-1	61	295	295	4241

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																10	SEA-6	10	2331	4320	4328
≥24		1								1						11	SEA-6	13	2353	4328	4351
≥20	2							1							1	13	SEA-6	17	2867	4700	4745
≥16		2	1			1		1			1					25	SEA-6	31	3489	5272	5391
≥12	3	5	5	1	2	2	1	1	1		1	2	1	1	1	52	SEA-4	79	4474	5335	5713
≥9	16	7	3	7	6	5	4	5	5	5	6	4	2	2	4	67	SEA-1	148	3780	4493	5390
≥6	37	20	20	16	17	13	10	5	9	3	4	5	5	5	6	48	1074-1	223	2371	2689	4672
≥3	37	33	10	15	8	11	10	9	6	3	2	2	3	4	1	4	282-1	158	816	817	4312

HOURS INTERVAL BETWEEN EVENTS

31 — 35.6N 155.2W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28								1								6	SEA-6	7	2216	4264	4265
≥24		1				1		1				1				7	SEA-7	11	2604	4550	4564
≥20	1				2	1					1					9	SEA-8	14	2992	4765	4809
≥16	2	1	1	4	2	1	1	1		1				1		17	SEA-8	32	3537	4887	5011
≥12	5	1	5	3	1	2	3	3	2	2	2	1				41	SEA-6	71	4739	5803	6170
≥9	12	11	9	12	7	5	3	4	3	2	1	2		4		61	SEA-2	136	4231	5038	5941
≥6	24	18	18	14	11	7	3	5	4	7	12	3	2	6	6	49	1848-1	189	3192	3298	5194
≥3	32	28	13	13	8	11	6	2	6	3	3	4	5	1	3	14	312-1	152	970	1005	4321

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																7	SEA-6	7	2225	4264	4265
≥28																10	SEA-7	10	2639	4417	4424
≥24	1														1	9	SEA-7	11	2633	4408	4426
≥20		1					1						1	1	1	8	SEA-7	13	2647	4385	4427
≥16	2								1		1	1			1	10	SEA-8	16	3071	4800	4881
≥12				1	1	1		1	1		1	2	3	1	1	23	SEA-6	36	4099	5327	5508
≥9	6	4	6	2	5	6	3		2	5	3	2			1	50	SEA-3	95	4394	5053	5540
≥6	14	6	6	3	4	4	10	4	9	5	2	3	6	5	2	65	SEA-1	148	3695	3911	5109
≥3	30	26	10	14	14	10	10	10	8	5	5	6	4	5	1	32	762-1	190	1771	1851	4460

HOURS INTERVAL BETWEEN EVENTS

34 — 34.2N 155.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28							1									7	SEA-6	8	2247	4304	4307
≥24				1		1										8	SEA-6	10	2301	4482	4498
≥20			1		1				1							11	SEA-6	14	2419	4489	4533
≥16		3	1	1		1								1		18	SEA-6	25	2870	4607	4711
≥12	4	2	1	3	1	3			1	2		1	2	3		43	SEA-1	66	3699	5014	5315
≥9	15	7	5	6	2	8	5	7	1	5	4	7	4	6	2	64	SEA-1	148	3907	4683	5460
≥6	28	15	14	15	8	10	15	9	5	8	8	6	7	7	3	46	636-1	204	2513	2590	4437
≥3	36	22	16	16	16	10	7	7	4	5	3	4	3	1	2	11	348-1	163	945	949	4264

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34									1							6	SEA-6	7	2217	4274	4275
≥28								1								7	SEA-6	8	2271	4328	4335
≥24								1								8	SEA-6	9	2427	4325	4338
≥20							1				1				1	11	SEA-6	14	2591	4499	4533
≥16	3			2	1	1	1		1					2		24	SEA-5	35	3574	4876	4978
≥12	1	2	4	2	1	4	2	1	1	2	4			5	1	36	SEA-1	66	3838	4931	5242
≥9	9	8	5	5	8	8	9	4	3	2	5	2	3	1	1	65	SEA-2	138	4158	4514	5290
≥6	29	25	19	17	23	8	4	9	5	9	7	5	1	5	6	56	690-1	228	2637	2741	4525
≥3	40	22	17	20	10	8	7	7	8	5	3	3		2	4	10	168-1	166	922	927	4267

HOURS INTERVAL BETWEEN EVENTS

37 — 32.9N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																7	SEA-6	7	[illegible]	[illegible]	[illegible]
≥16																9	SEA-7	9	[illegible]	4328	4334
≥12	4	2	5	2		1	1					1			1	29	SEA-5	46	[illegible]	5516	5584
≥9	24	18	18	2	2	1	6	1	2	2	8	1	2		5	61	SEA-3	153	4148	4760	5162
≥6	71	37	20	4	4	7	12	7	9	11	8	5	6	10	6	55	1074-1	280	3019	3065	4458
≥3	75	44	22	12	11	13	8	6	5	10	8	3	2	2	2	8	234-1	231	1053	1056	4245

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																7	SEA-6	7	2225	4264	4265
≥16												1				12	SEA-6	13	2823	4479	4507
≥12	6	2	1	2	1	1	1	1	1	4	1	1				35	SEA-5	57	4177	5343	5602
≥9	5	7	3	3	4	4	2	3	1	1	4	4	5	1	1	58	SEA-2	106	3801	4369	5204
≥6	27	11	12	9	10	5	10	11	6	4	9	6	5	7	4	38	414-1	174	2141	2250	4347
≥3	16	12	8	6	11	10	6	4	2	2	2	2	1		3	10	282-1	95	669	669	4241

HOURS INTERVAL BETWEEN EVENTS

40 — 29.6N 165.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																9	SEA-6	9	[illegible]	[illegible]	[illegible]
≥16																11	SEA-6	11	[illegible]	4401	4421
≥12		3			1		2									21	SEA-8	27	3519	4805	4865
≥9	[illegible]	3	1	3	1		1	2	2	2		1	1	1	1	41	SEA-6	66	4374	5376	[illegible]
≥6	[illegible]	5	6	4	1	1	4	4	4	5		2	3	3	4	59	SEA-[illegible]	143	[illegible]	[illegible]	[illegible]
≥3	43	21	15	18	9	10	6	7	4	7	6	4	2	1	3	20	534-1	176	1256	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16						1										7	SEA-5	[illegible]	[illegible]	[illegible]	[illegible]
≥12		1													1	21	SEA-3	[illegible]	[illegible]	[illegible]	[illegible]
≥9	10		2	4	1		4		1	1	1				3	54	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥6	15	8	9	8	5	8	4	8	10	9	6	8	6	7	4	65	510-1	[illegible]	[illegible]	[illegible]	[illegible]
≥3	32	26	21	24	21	12	7	7	8	7	9	4	3	1	3	27	282-1	212	1493	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS (Cont'd)

23 — 42.4N 172.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																7	SEA-6	7	2263	4320	4322
≥48																7	SEA-6	7	2262	4319	4323
≥40																9	SEA-6	9	2290	4347	4359
≥34												2				10	SEA-6	12	2343	4385	4410
≥28			1								2					14	SEA-7	17	2962	4580	4628
≥24	2	2	1	1	1	1		1	1	1		2			1	22	SEA-7	36	3506	4751	4861
≥20	3	2	1	2	2	4	2	5	2	2	1	2	1	3	2	36	SEA-5	70	4372	5679	5950
≥16	8	9	2	9	9	7	5	4	3	2	1	4	3	2	5	56	SEA-2	129	4079	4459	5058
≥12	13	20	8	16	11	7	11	3	5	6	3	8	2	3	4	56	SEA-1	176	3514	3613	4881
≥9	30	23	17	15	14	8	7	7	6	9	5	7	2	6	3	51	1644-1	210	2665	2731	4673
≥6	46	19	28	17	16	16	13	7	7	6	3	4	6	1	2	21	264-1	212	1376	1382	4279
≥3	31	20	12	9	6	2	6	2	1	1				1	2	3	126-1	96	359	361	4244

HOURS INTERVAL BETWEEN EVENTS

24 — 41.0N 134.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																7	SEA-6	7	2227	4264	4265
≥24									1							9	SEA-6	10	2519	4255	4286
≥20	2	2	1					2			1					14	SEA-7	22	2995	4593	4646
≥16	4	1	2	1	1	1	1					2	1			30	SEA-8	44	4197	5081	5286
≥12	6	3	6	1	2		3	4		2	1	3	2	2	1	46	SEA-3	82	4305	4814	5335
≥9	13	4	6	8	7	4	5	3	5	5	4	5	5	1		54	SEA-1	129	3394	3878	4976
≥6	23	11	14	9	11	6	9	9	3	4	4	2	6	4	2	43	1290-1	160	2372	2451	4542
≥3	18	14	14	12	14	5	5	5	4	6	4	1	3	3	1	12	288-1	121	[illegible]	898	4300

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34					1			1								9	SEA-6	11	2330	4336	4348
≥28			1	1			1									11	SEA-6	14	2391	4354	4386
≥24		2	2			1	1									19	SEA-7	25	3274	4769	4832
≥20	1	3			2	1	1								1	27	SEA-7	36	3946	5319	5444
≥16	9	7	3	1	2	1		3		1	2		3	2	3	50	SEA-3	87	4188	5487	5802
≥12	9	12	9	4	9	1	6	5	3	7	7		9	3	1	64	SEA-1	149	3935	4877	5666
≥9	23	16	21	20	14	2	5	6	8	9	6	5	4	4	4	58	1536-1	205	3051	3155	4674
≥6	39	33	13	17	7	12	14	7	3	8	5	5	2	3	5	36	420-1	209	1794	1821	4308
≥3	30	20	22	13	7	4	6	2	5	4	2	2	2		3	7	162-1	129	643	646	4255

HOURS INTERVAL BETWEEN EVENTS

27 — 36.2N 127.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																7	SEA-6	7	2225	4263	4265
≥20			1													12	SEA-7	13	2917	4426	4441
≥16	2	3	1								1	1		2	1	23	SEA-6	34	3675	4863	4947
≥12	6	1	3		1	3	5	4	4	1	1	2	3		1	59	SEA-3	94	4588	5042	5526
≥9	10	4	6	8	9	3	5	3	6	5	4	5	11	2	1	64	1428-1	146	3330	3503	4738
≥6	17	14	12	8	6	10	11	9	7	6	2	3	4	2		42	312-1	153	1683	1705	4262
≥3	21	15	10	5	9	5	3	3	2	2	3	3			3	4	192-1	88	467	467	4251

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																10	SEA-6	10	2331	4320	4328
≥24		1								1						11	SEA-6	13	2353	4328	4351
≥20	2							1							1	13	SEA-6	17	2867	4700	4745
≥16		2	1			1		1			1					25	SEA-6	31	3489	5272	5391
≥12	3	5	5	1	2	2	1	1	1		1	2	1	1	1	52	SEA-4	79	4474	5335	5713
≥9	16	7	3	7	6	5	4	5	5	5	6	4	2	2	4	67	SEA-1	148	3780	4493	5390
≥6	37	20	20	16	17	13	10	5	9	3	4	5	5	5	6	48	1074-1	223	2371	2689	4672
≥3	37	33	10	15	8	11	10	9	6	3	2	2	3	4	1	4	282-1	158	816	817	4312

HOURS INTERVAL BETWEEN EVENTS

30 — 35.7N 176.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34												1				6	SEA-6	7	2220	4277	4278
≥28											1					8	SEA-6	9	2308	4365	4371
≥24	1								1					1		10	SEA-6	13	2618	4391	4409
≥20								1						1		12	SEA-6	14	2609	4380	4413
≥16		2	2	2			1			1			2			24	SEA-5	34	3575	4744	4824
≥12	3	3	2	3	2	3	1	2		1	2		2			46	SEA-3	70	4306	5519	5837
≥9	7	11	5	9	5	3	5	8	3	3	3	5		5	2	63	SEA-1	137	4038	4562	5391
≥6	44	14	21	7	25	8	8	4	3	11	9	4	4	6	5	43	1194-1	216	2688	2723	4573
≥3	35	26	23	18	7	13	9	10		2	4	3	2	2		11	210-1	165	895	899	4277

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																7	SEA-6	7	2225	4264	4265
≥28																10	SEA-7	10	2639	4417	4424
≥24	1														1	9	SEA-7	11	2633	4408	4426
≥20		1					1						1	1	1	8	SEA-7	13	2647	4385	4427
≥16	2								1		1	1			1	10	SEA-8	16	3071	4800	4881
≥12				1	1	1		1	1		1	2	3	1	1	23	SEA-6	36	4099	5327	5508
≥9	6	4	6	2	5	6	3		2	5	3	2			1	50	SEA-3	95	4394	5053	5540
≥6	14	6	6	3	4	4	10	4	9	5	2	3	6	5	2	65	SEA-1	148	3695	3911	5109
≥3	30	26	10	14	14	10	10	10	8	5	5	6	4	5	1	32	762-1	190	1771	1851	4460

HOURS INTERVAL BETWEEN EVENTS

33 — 34.6N 145.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																7	SEA-6	7	2257	4264	4265
≥24																7	SEA-6	7	2257	4264	4265
≥20			1	1												8	SEA-6	11	2289	4261	4272
≥16	1		1	3							1					19	SEA-5	25	2753	4618	4682
≥12	1	2		4		1			1		3		2	2	1	53	SEA-2	70	4076	4885	5147
≥9	11	6	6	3	5	4	2	6	4	4	4	5	6	3	3	70	SEA-1	142	3760	4507	5258
≥6	20	15	18	14	14	8	19	7	5	7	5	5	7	4	4	56	570-1	208	2631	2680	4369
≥3	40	24	22	19	16	14	8	2	3	6	2	5	2	2	2	18	270-1	185	1109	1127	4271

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.6E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34									1							6	SEA-6	7	2217	4274	4275
≥28								1								7	SEA-6	8	2271	4328	4335
≥24								1								8	SEA-6	9	2427	4325	4338
≥20							1				1				1	11	SEA-6	14	2591	4499	4533
≥16	3			2	1	1	1		1					2		24	SEA-5	35	3574	4876	4978
≥12	1	2	4	2	1	4	2	1	1	2	4			5	1	36	SEA-1	66	3838	4931	5242
≥9	9	8	5	5	8	8	9	4	3	2	5	2	3	1	1	65	SEA-2	138	4158	4514	5290
≥6	29	25	19	17	23	8	4	9	5	9	7	5	1	5	6	56	690-1	228	2637	2741	4525
≥3	40	22	17	20	10	8	7	7	8	5	3	3		2	4	10	168-1	166	922	927	4267

HOURS INTERVAL BETWEEN EVENTS

36 — 33.7N 123.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4264	4264
≥56																6	SEA-6	6	2208	4264	4264
≥48																6	SEA-6	6	2208	4264	4264
≥40																6	SEA-6	6	2208	4264	4264
≥34																6	SEA-6	6	2208	4264	4264
≥28																6	SEA-6	6	2208	4264	4264
≥24																6	SEA-6	6	2208	4264	4264
≥20																6	SEA-6	6	2208	4264	4264
≥16													1			7	SEA-6	8	2365	4261	4264
≥12												2				12	SEA-6	14	2519	4344	4362
≥9	1	1	2	2			1	1	2		3	1	1			27	SEA-2	42	2877	4414	4515
≥6	11	3	3	4	7	2	5	2	2	2	4	3	4	6	5	56	1362-1	119	3505	4286	4724
≥3	38	30	22	17	13	15	12	11	12	10	7	6	8	5	7	53	672-1	266	2738	2871	4415

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																7	SEA-6	7	2225	4264	4265
≥16												1				12	SEA-6	13	2823	4479	4507
≥12	6	2	1	2	1	1	1	1	1	4	1	1				35	SEA-5	57	4177	5343	5602
≥9	5	7	3	3	4	4	2	3	1	1	4	4	5	1	1	58	SEA-2	106	3801	4369	5204
≥6	27	11	12	9	10	5	10	11	6	4	9	6	5	7	4	38	414-1	174	2141	2250	4347
≥3	16	12	8	6	11	10	6	4	2	2	2	2	1		3	10	282-1	95	669	669	4241

HOURS INTERVAL BETWEEN EVENTS

39 — 29.9N 177.3W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28								1								6	SEA-6	7	2216	4261	4265
≥24								1								6	SEA-6	7	2216	4259	4265
≥20	1		1													7	SEA-6	9	2271	4311	[illegible]
≥16				1											1	10	SEA-6	12	[illegible]	[illegible]	[illegible]
≥12	1		1												1	21	SEA-7	24	3305	5115	5220
≥9	4	1	2	2	2		2	1	3	2	1	1	1	2		30	SEA-3	62	3704	[illegible]	5312
≥6	11	12	10	3	5	8	5	3	2	4	6	4	4	3	2	60	SEA-1	140	3765	[illegible]	[illegible]
≥3	21	25	15	6	14	10	6	9	4	3	5	5	4	1	2	30	[illegible]	160	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	[illegible]	4265	4265
≥48																6	SEA-6	6	[illegible]	4265	4265
≥40																6	SEA-6	6	[illegible]	4265	4265
≥34																6	SEA-6	6	[illegible]	4265	4265
≥28																6	SEA-6	6	[illegible]	4265	4265
≥24																6	SEA-6	6	[illegible]	4265	4265
≥20																6	SEA-6	6	[illegible]	4265	4265
≥16						1										7	SEA-5	8	[illegible]	[illegible]	[illegible]
≥12		1													1	21	SEA-3	25	[illegible]	[illegible]	[illegible]
≥9	10		2	4	1		4		1	1	1			1	3	49	[illegible]	62	3727	[illegible]	[illegible]
≥6	15	8	9	8	5	8	4	8	10	9	6	8	6	7	4	65	510-1	180	[illegible]	[illegible]	[illegible]
≥3	32	26	21	24	21	12	7	7	8	7	9	4	3	1	3	27	[illegible]	212	1493	1529	[illegible]

HOURS INTERVAL BETWEEN EVENTS

42 — 28.6N 139.2W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥56																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥48																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥40																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥34																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥28																6	SEA-6	[illegible]	[illegible]	[illegible]	[illegible]
≥24																[illegible]	SEA-7	[illegible]	[illegible]	[illegible]	[illegible]
≥20																9	SEA-7	9	[illegible]	[illegible]	[illegible]
≥16			1	1											1	10	SEA-7	[illegible]	[illegible]	[illegible]	[illegible]
≥12		1			1								1	2	1	[illegible]	SEA-7	20	[illegible]	[illegible]	[illegible]
≥9	7	2	2	1	2			2		2	1	2		1	1	[illegible]	SEA-6	[illegible]	[illegible]	[illegible]	[illegible]
≥6	15	11	3	2	7	6	6	6	3	5	3	2	4	1	3	61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥3	21	14	9	16	11	6	10	6	8	5	5	3	3	4	1	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS (Cont'd)

43 28.2N 125.9E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4264	4264
≥56																6	SEA-6	6	2208	4264	4264
≥48																6	SEA-6	6	2208	4264	4264
≥40																6	SEA-6	6	2208	4264	4264
≥34																6	SEA-6	6	2208	4264	4264
≥28																6	SEA-6	6	2208	4264	4264
≥24																6	SEA-6	6	2208	4264	4264
≥20																6	SEA-6	6	2208	4264	4264
≥16												1		1		6	SEA-6	8	2234	4259	4264
≥12	1								1		1		1			10	SEA-5	14	2375	4316	4343
≥9				1			2	1		1		1	1	1		27	SEA-4	35	3290	4638	4745
≥6	10	3	6	3	5	5	2	2	5	2	5	6	1	1	3	59	1164-1	118	3450	3943	4458
≥3	36	20	17	20	13	8	7	10	8	8	8	10	3	5	9	49	354-1	231	2387	2489	4284

HOURS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16		1						1								10	SEA-6	12	2487	4595	4615
≥12		1	1				1	1	1		1	1			1	17	SEA-4	25	3005	4735	4818
≥9	3	5	1	1	2	1		1	1	2	2	2	1	1		31	SEA-3	54	3543	4772	5033
≥6	17	12	6	7	6	5	6	2	2	2	2	5	2	2	2	59	1110-1	137	3222	3661	4574
≥3	42	18	16	15	12	10	6	9	7	6	6	7	7	3	1	26	396-1	191	1594	1636	4291

HOURS INTERVAL BETWEEN EVENTS

46 26.1N 170.8E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4262	4265
≥16											1					8	SEA-6	9	2459	4506	4522
≥12	1									1						15	SEA-5	17	3100	4531	4614
≥9	3	3	2	3			1		2	2			1	1	2	30	SEA-4	50	3775	4709	4935
≥6	15	6	3	1	4	3	3	3	3	4	1	1	2	4	1	46	2118-1	100	3271	3895	4851
≥3	34	15	9	11	13	11	12	7	8	4	5	3	3	3	2	33	372-1	173	1721	1839	4306

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16																7	SEA-7	7	2576	4335	4339
≥12																13	SEA-5	13	2821	4562	4595
≥9	2	3	1		2	1		2	1		2	1			2	40	SEA-2	57	3600	4241	4531
≥6	20	9	19	14	8	5	7	6	6	6	5	3	6	5	6	49	666-1	174	2429	2519	4353
≥3	22	12	6	6	6	5	10	2	2	1	1	3	1		1	5	180-1	83	452	452	4246

HOURS INTERVAL BETWEEN EVENTS

49 22.6N 128.0E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20	1												1			8	SEA-6	10	2405	4261	4269
≥16								1			1					9	SEA-6	11	2451	4304	4330
≥12	1	1		2	1	1										15	SEA-2	21	2733	4717	4800
≥9	1	2		1		1					1	1	1	2	1	28	1824-1	39	2701	4194	4432
≥6	10	7	2	2	5	6	6	3	1	2	3	2	1	1	2	49	1392-1	102	2855	3452	4331
≥3	41	23	13	14	10	10	11	5	9	10	6	6	5	1	3	34	282-1	201	1666	1716	4302

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16																7	SEA-6	7	2246	4303	4304
≥12	1					2										14	SEA-7	17	2973	4711	4738
≥9	14	6	6	2	1	1	2			1		1	1	1	3	25	SEA-5	64	3661	4741	4930
≥6	30	9	6	8	3		5	2	4	2	3	1		1	3	43	1728-1	120	2953	3743	4610
≥3	63	14	13	13	8	9	7	4		6	1	7	3	3		39	564-1	190	1742	1754	4305

HOURS INTERVAL BETWEEN EVENTS

52 19.2N 127.8W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																7	SEA-6	7	2336	4393	4395
≥16							1									14	SEA-6	15	2905	4538	4557
≥12	2	1	2	1	1	3								1		27	SEA-3	38	3906	5129	5238
≥9	3	7	5		2	3	1		1	1	2	2	2	1		49	SEA-1	79	3562	4124	4514
≥6	50	19	11	15	10	11	16	7	6	9	8	7	3	4	4	50	828-1	230	2479	2581	4346
≥3	18	22	7	10	6	5	6	2	1	1	2	2				2	132-1	84	348	348	4244

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																7	SEA-6	7	2488	4545	4547
≥24	1															7	SEA-6	8	2489	4543	4547
≥20	1														1	9	SEA-5	11	2509	4512	4530
≥16	2					1	1			1			1			12	SEA-5	18	2809	4745	4792
≥12	6	2			3	2	1					1			1	19	SEA-2	35	2900	4837	4962
≥9	10	3	2	1	1		1			1		1	2	1	2	34	SEA-1	59	3057	4388	4690
≥6	40	19	6	2	2	6	3	1	4	2	3	3	5	5	1	48	978-1	150	3281	3719	4558
≥3	42	18	15	6	12	8	7	6	3	3	6	3	3	2	2	41	738-1	177	2035	2109	430

HOURS INTERVAL BETWEEN EVENTS

55 17.6N 138.5E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4264	4264
≥56																6	SEA-6	6	2208	4264	4264
≥48																6	SEA-6	6	2208	4264	4264
≥40																6	SEA-6	6	2208	4264	4264
≥34																6	SEA-6	6	2208	4395	4396
≥28																6	SEA-6	6	2208	4393	4396
≥24																7	SEA-6	7	2420	4316	4320
≥20		1												1		8	SEA-6	10	2462	4357	4365
≥16			1				1			1						10	SEA-4	13	2709	4767	4802
≥12	1	2	1	1	1	1			2				1			20	SEA-3	30	2716	4673	4810
≥9	6	5	4	2	4	3	4	2		1		2		1	1	39	SEA-1	74	3588	4520	4969
≥6	25	9	5	6	8	2	4	5	7	1	3	5	1	3	2	43	2082-1	129	3050	3258	4638
≥3	24	11	5	5	10	7	5	4	5	6	2	1	2	4	1	27	426-1	119	1397	1413	4284

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4396	4397
≥20																8	SEA-6	8	2746	4389	4397
≥16	1															9	SEA-6	10	2786	4423	4438
≥12	1				1											9	SEA-6	11	2787	4408	4439
≥9	2	2			1											15	SEA-3	20	3029	4876	4940
≥6	12	4	7	1	3	4	1	2		2	2	3	1			55	1848-1	97	3918	4479	4888
≥3	48	25	10	12	7	9	8	9	3	4	3	2	5	5	4	42	552-1	196	1903	1965	4438

HOURS INTERVAL BETWEEN EVENTS

58 14.5N 127.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																7	SEA-6	7	2247	4261	4265
≥24																7	SEA-6	7	2246	4259	4265
≥20		1														9	SEA-6	10	2321	4333	4351
≥16																9	SEA-6	9	2317	4328	4357
≥12		1														16	SEA-5	17	2991	4886	4950
≥9	2	2	1			2	1	1	2		1	2		1		28	SEA-3	43	3014	4791	5007
≥6	10	1	2	5	6	2	5	1	4	1	4	3	2			43	SEA-1	89	3183	3844	4600
≥3	29	23	17	7	8	4	2		5	3	1	1	3		2	42	858-1	147	2104	2212	4467

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																7	SEA-6	7	2321	4262	4265
≥16	1															8	SEA-6	9	2429	4370	4378
≥12			1			1										13	SEA-7	15	3455	5279	5319
≥9	1	2	2			3	1	2		1						24	SEA-5	36	4321	5121	5300
≥6	32	11	9	3	9	4	3	5	5	3	7	2		5	2	52	1182-1	152	2941	3241	4591
≥3	42	10	8	4	7	4	4	2	1		3	1	2	3	1	4	306-1	96	449	451	4242

HOURS INTERVAL BETWEEN EVENTS

61 12.0N 156.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20			1													8	SEA-6	9	2449	4261	4265
≥16	1									1						8	SEA-6	10	2450	4261	4267
≥12	4	1						1						1		17	SEA-7	24	3203	4559	4668
≥9	7	2	5	2	3	2	1	3	3		2	1		1	2	30	SEA-6	64	3874	4958	5356
≥6	12	10	12	3	9	6	2	2	5	2	3	4		1	1	51	SEA-1	123	3336	3494	4931
≥3	35	7	8	2	3	6	4	1	3	4		3			1	17	264-1	94	677	678	4258

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16																6	SEA-6	6	2208	4265	4265
≥12																7	SEA-6	7	2232	4262	4265
≥9	1							1							1	7	SEA-6	10	2255	4272	4284
≥6		1		1		1					1	1				11	SEA-5	16	2244	4466	4544
≥3	3	2	1			2	1	1		1		1	1		1	28	SEA-5	42	3750	4915	5269

HOURS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16		1						1								10	SEA-6	12	2487	4595	4615
≥12		1	1				1	1	1		1	1			1	17	SEA-4	25	3005	4735	4818
≥9	3	5	1	1	2	1		1	1	2	2	2	1	1		31	SEA-3	54	3543	4772	5033
≥6	17	12	6	7	6	5	6	2	2	2	2	5	2	2	2	59	1110-1	137	3222	3661	4574
≥3	42	18	16	15	12	10	6	9	4	6	6	7	7	3	1	26	396-1	191	1594	1636	4291

HOURS INTERVAL BETWEEN EVENTS

45 27.8N 145.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20			1													9	SEA-7	10	2612	4417	4425
≥16	2	2	1						1	1				2	1	9	SEA-6	19	2688	4682	4723
≥12	3	2		1		1		1	2	1				1	1	14	SEA-6	27	2826	4657	4798
≥9	3	2	6	3	1	1	3	5	1	2	3	1	2			33	SEA-6	66	3938	5207	5646
≥6	24	11	5	6	8	4	4	6	5	2	3	1	4	3	3	44	2202-1	133	3432	3738	5025
≥3	40	14	18	12	10	9	6	5	6	5	6	2	3	2	1	24	366-1	163	1194	1275	4275

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16																7	SEA-7	7	2576	4335	4339
≥12																13	SEA-5	13	2821	4562	4595
≥9	2	3	1		2	1		2	1		2	1			2	40	SEA-2	57	3600	4241	4531
≥6	20	9	19	14	8	5	7	6	6	6	5	3	6	5	6	49	666-1	174	2429	2519	4353
≥3	22	12	6	6	6	5	10	2	2	1	1	3	1		1	5	180-1	83	452	452	4246

HOURS INTERVAL BETWEEN EVENTS

48 23.5N 151.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																7	SEA-6	7	2228	4264	4265
≥20																9	SEA-6	9	2290	4324	4335
≥16																9	SEA-6	9	2287	4320	4337
≥12	1															19	SEA-7	20	2990	4601	4662
≥9	4	1	2		2	1	3	1	2	3		1		1		29	SEA-6	50	3543	4591	4862
≥6	27	3	9	5	3	2	4	3	2	1	4	2		4	2	53	SEA-1	124	3272	3779	5036
≥3	41	16	12	9	5	8	1	8	2	7	3	1	3	2	2	18	372-1	138	1010	1043	4272

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16																7	SEA-6	7	2246	4303	4304
≥12	1					2										14	SEA-7	17	2973	4711	4738
≥9	14	6	6	2	1	1	2			1		1	1	1	3	25	SEA-5	64	3661	4741	4930
≥6	30	9	6	8	3		5	2	4	2	3	1		1	3	43	1728-1	120	2953	3743	4610
≥3	63	14	13	13	8	9	7	4		6	1	7	3	3		39	564-1	190	1742	1754	4305

HOURS INTERVAL BETWEEN EVENTS

51 20.5N 177.1W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16								1						1		7	SEA-7	9	2598	4357	4361
≥12	1	2				2	1					1	2			12	SEA-7	21	3093	4646	4705
≥9	3		1	1	1	2	1	1	1	1						26	SEA-7	38	3754	4740	5027
≥6	19	8	4	7	4	2	5	1	1	3	4		1	2	4	48	1386-1	113	3158	3530	4836
≥3	29	17	8	4	9	5	1	7	4	4	3	4	1	3		25	312-1	124	1098	1117	4262

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																7	SEA-6	7	2488	4545	4547
≥24	1															7	SEA-6	8	2489	4543	4547
≥20	1														1	9	SEA-5	11	2509	4512	4530
≥16	2					1	1			1			1			12	SEA-5	18	2809	4745	4792
≥12	6	2			3	2	1					1			1	19	SEA-2	35	2900	4837	4962
≥9	10	3	2	1	1		1			1		1	2	1	2	34	SEA-1	59	3057	4388	4690
≥6	40	19	6	2	2	6	3	1	4	2	3	3	5	5	1	48	978-1	150	3281	3719	4558
≥3	42	18	15	6	12	8	7	6	3	3	6	3	3	2	2	41	738-1	177	2035	2109	4301

HOURS INTERVAL BETWEEN EVENTS

54 18.2N 168.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-5	6	2208	4265	4265
≥20										1						6	SEA-6	7	2218	4275	4276
≥16		1		1	1		1			1						10	SEA-6	15	2492	4471	4493
≥12	1	1	2	1	2		1	2		1	1				1	17	SEA-6	30	3113	4575	4710
≥9	13	3	3	2	5	4	2	3		2	1	1			1	39	SEA-3	79	3558	4319	4880
≥6	27	10	11	10	5	5	7	2	2	1	4	2	5	3	1	43	780-1	138	2460	2657	4385
≥3	14	10	6	8	7	6	6	2	4	4	4	2	2	1	1	13	306-1	90	763	763	4244

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4396	4397
≥20																8	SEA-6	8	2746	4389	4397
≥16	1															9	SEA-6	10	2786	4423	4438
≥12	1				1											9	SEA-6	11	2787	4408	4439
≥9	2	2			1											15	SEA-3	20	3029	4876	4940
≥6	12	4	7	1	3	4	1	2		2	2	3	1			55	1848-1	97	3918	4479	4888
≥3	48	25	10	12	7	9	8	9	3	4	3	2	5	5	4	42	552-1	196	1903	1965	4438

HOURS INTERVAL BETWEEN EVENTS

57 14.9N 147.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																7	SEA-6	7	2419	4308	4315
≥24																7	SEA-6	7	2416	4305	4314
≥20	2															9	SEA-6	11	2511	4398	4416
≥16	1	1		1												14	SEA-5	17	2691	4572	4624
≥12	3	3	1				1						1	1	1	24	SEA-3	35	3279	4789	4945
≥9	13	1	7		5	1	4	3	1	7		2	1	1	3	36	SEA-1	85	4080	4520	4991
≥6	29	11	13	3	5	4	8	1	7	2	3		3	2	5	47	SEA-1	143	2966	3105	4576
≥3	28	16	15	11	11	6	5	7	7	1	4	1	3	1	1	18	390-1	135	1017	1037	4259

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																7	SEA-6	7	2321	4262	4265
≥16	1															8	SEA-6	9	2429	4370	4378
≥12			1			1										13	SEA-7	15	3455	5279	5319
≥9	1	2	2			3	1	2		1						24	SEA-5	36	4321	5121	5300
≥6	32	11	9	3	9	4	3	5	5	3	7	2		5	2	52	1182-1	152	2941	3241	4591
≥3	42	10	8	4	7	4	4	2	1		3	1	2	3	1	4	306-1	96	449	451	4242

HOURS INTERVAL BETWEEN EVENTS

60 12.2N 112.6E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																7	SEA-6	7	2228	4261	4265
≥16																7	SEA-6	7	2228	4261	4265
≥12	1			1			1									9	SEA-5	12	2379	4407	4420
≥9	3	4			1	1										15	SEA-3	24	[illegible]	4678	4756
≥6	7	2	3	1	5		1									26	SEA-1	45	2850	4287	4546
≥3	27	10	9	4	6	3	5	2	6	3	5	3	3	4	2	40	1170-1	132	2752	3256	4315

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	2208	4265	4265
≥48																6	SEA-6	6	2208	4265	4265
≥40																6	SEA-6	6	2208	4265	4265
≥34																6	SEA-6	6	2208	4265	4265
≥28																6	SEA-6	6	2208	4265	4265
≥24																6	SEA-6	6	2208	4265	4265
≥20																6	SEA-6	6	2208	4265	4265
≥16																6	SEA-6	6	2208	4265	4265
≥12																7	SEA-6	7	2232	4262	4265
≥9	1							1							1	7	SEA-6	10	2255	4272	4284
≥6		1		1		1					1	1				11	SEA-5	16	2244	4466	4544
≥3	3	2	1			2	1	1		1		1	1		1	28	SEA-5	42	3750	4915	5269

HOURS INTERVAL BETWEEN EVENTS

63 2.1N 123.6E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4265	4265
≥56																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥48																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥40																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥34																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥28																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥24																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥20																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥16																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥12																7	SEA-6	7	[illegible]	[illegible]	[illegible]
≥9	1														1	10	SEA-7	12	[illegible]	[illegible]	[illegible]
≥6	2	1		1		1	1	2		2					1	20	SEA-6	31	[illegible]	[illegible]	[illegible]
≥3	32	10	7	3	6	3	3	4	1	5	3	6	2	1	2	32	SEA-3	120	3172	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

2

SUMMER

1 — 64.0N 166.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-5	6	2217	4224	4224
≥24																7	SEA-5	7	2427	4445	4446
≥20	1	1														8	SEA-4	10	2311	4210	4219
≥16				1			1									9	SEA-4	11	2286	4143	4172
≥12	1	1		1	2	1	1				1					20	SEA-1	28	2734	4222	4327
≥9	14	3	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	1	1	1	1	36	1866-1	62	2343	3902	4200
≥6	27	6	2	5	4	5	2	2	2	4	4	4	1	2	3	53	1080-1	126	1883	3301	4127
≥3	37	19	18	11	12	18	7	6	5	7	9	2	6	6	1	39	294-1	203	1868	1936	4122

HOURS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																10	SEA-2	10	2393	4485	4496
≥20						1										14	SEA-1	16	2409	4393	4439
≥16			1	1		1				2			1		1	24	2094-1	31	2802	4142	4267
≥12	6	2	3	1	[illegible]	[illegible]	4	1	2	1	[illegible]	[illegible]	[illegible]	2	3	45	1470-1	71	3239	3894	4245
≥9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	990-1	97	2802	3426	4158
≥6	20	16	15	10	4	9	5	6	3	7	6	3	2	6	2	54	462-1	168	2366	2606	4136
≥3	35	14	17	12	14	13	7	9	6	4	7	5	3	6	5	11	264-1	168	1120	1167	4104

HOURS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																8	SEA-6	7	2224	4331	4332
≥24																7	SEA-4	7	2239	4383	4392
≥20	1									1						16	SEA-1	18	2822	4326	4365
≥16	4	3	1		2			2				1		1		25	2124-1	39	3014	4122	4252
≥12	4	5	3		3	1	4	1	2					2	2	48	1494-1	76	3092	3816	4238
≥9	10	3		2	10	3	4	6	3	3	5	2	3	1		50	1050-1	115	2915	3354	4168
≥6	27	11	16	17	9	9	5	8	3	5	2	6	2	2	6	49	672-1	173	2188	2386	4125
≥3	27	17	17	16	8	12	14	8	3	2	5	1	4	3	4	12	156-1	153	962	999	4100

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2195	4255	4266
≥28																9	SEA-4	7	2191	4332	4342
≥24									1	1					1	13	SEA-3	16	2582	4230	4264
≥20				1	1	2		1					1			18	SEA-1	24	2711	4245	4324
≥16	1	4	1		1					2	1		2			19	2160-1	31	2559	4074	4247
≥12	3	1	2	2	3	1	5		1	2		2	1	2	1	31	1788-1	57	2898	3758	4142
≥9	8	5	5		6	4	4	1	5	3	4	4	3	1	2	52	1086-1	107	3066	3299	4132
≥6	15	3	7	5	10	7	9	6	5	4	7	6	3	1	4	53	564-1	145	2276	2363	4122
≥3	14	18	12	8	8	6	6	8	7	2	6	5	2	2	3	16	258-1	123	1006	1011	4100

HOURS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																7	SEA-6	7	2508	4223	4224
≥20																11	SEA-3	11	2516	4179	4193
≥16											1		1			22	2130-1	26	2999	4284	4354
≥12	3	1	1				1	1	1	1		1				41	1800-1	52	2891	3952	4182
≥9	9	5	3	2	2	2	2	2	3	4	5	1		3		54	1458-1	90	3101	3542	4178
≥6	26	10	16	6	7	7	8	6	5	8	3	4	1	2	6	62	816-1	177	2592	2827	4152
≥3	28	24	18	21	14	6	6	6	6	6	7	6	3	3	1	24	324-1	179	1335	1428	4104

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-6	7	2255	4223	4224
≥28																7	SEA-5	7	2201	4250	4258
≥24	1															10	SEA-4	11	2349	4264	4281
≥20	1		1									1	2			20	SEA-1	25	3161	4188	4245
≥16	3		2	1		1		1	1	1		1	2	1		33	1818-1	47	3058	3988	4179
≥12	6	6		1		3	6	3	5	1	2	1	2	1	1	57	1182-1	95	3190	3661	4182
≥9	9	5	6	10	7	7	5	5	3	3	4	4	2	3		69	870-1	142	2860	3172	4166
≥6	19	8	18	10	8	11	14	4	6	4	5	7	2	5	7	44	282-2	172	1963	2209	4130
≥3	35	21	19	14	9	13	6	6	3	5	5	6	4	1	1	9	222-1	157	864	897	4103

HOURS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																7	SEA-6	7	2500	4295	4300
≥24						1		1			1				1	9	SEA-4	12	2549	4270	4289
≥20	1	1	1		1	2	1									14	SEA-1	22	2548	4233	4289
≥16	2		3		1	1	1	1								24	2166-1	44	2784	4160	4319
≥12	4	2	2		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46	1728-1	68	3207	3790	4232
≥9	5	8	5	4	1	5	2	7	3	4	3	2	1	1	2	53	1158-1	107	2903	3255	4192
≥6	20	17	9	8	5	3	5	6	9	2	3	2	4	2	2	50	678-1	147	2115	2267	4121
≥3	25	14	15	14	8	7	7	7	4	6	3	3	3	2	4	14	192-1	136	940	987	4100

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28	1															9	SEA-3	10	2641	4509	4528
≥24	1												1			14	SEA-1	16	2718	4502	4549
≥20			1	1					1	1		1				22	2118-1	27	2853	4154	4257
≥16	3	1	3		2	1	1	1	4	1		2		2	1	40	1758-1	62	3286	3948	4233
≥12	10	11	4	2	3	3	6	5	3	5	3	3	2		3	60	1392-1	123	3055	3368	4153
≥9	15	8	10	9	8	8	8	7	5	4	5	2	2	8	4	45	1008-1	148	2519	2665	4109
≥6	24	27	18	12	9	6	13	7	9	6	2	5	4	6	2	29	288-1	179	1568	1632	4105
≥3	17	17	17	5	8	4	2	2	6	1	1	2	3			5	222-1	90	478	520	4100

HOURS INTERVAL BETWEEN EVENTS

13 — 50.3N 171.3W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																9	SEA-3	9	2326	4318	4325
≥24				1												12	SEA-2	13	2241	4233	4264
≥20	2	1	2						1	2						29	1926-1	[illegible]	[illegible]	[illegible]	[illegible]
≥16	4	1	2		2	2	2	3	3						1	41	[illegible]	65	3148	3912	4235
≥12	5	4	7	4	5	7	4	2	2		5	3	4	3	4	46	1356-1	105	2867	3468	4176
≥9	13	14	11	6	8	3	5	7	8	5	2	5	8			58	846-1	159	2556	2786	4131
≥6	17	17	15	17	13	10	8	6	7	6	11	6	5	3	8	27	288-1	176	1562	1660	4110
≥3	23	23	11	10	7	8	6	12	3	1	3	1	2	1		2	126-1	100	480	509	4105

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																8	SEA-5	8	2280	4248	4251
≥28																8	SEA-3	8	2181	4209	4219
≥24	1				1							1				14	SEA-1	17	2859	4358	4390
≥20	1		1	1			1			1		1				22	2088-1	28	2941	4308	4407
≥16	3	5	3	1					1	1	2	1	2	1	1	43	1272-1	64	3227	3964	4239
≥12	10	6	2	3	3	8	6	4	2	1	2	1	2	1		63	912-1	114	3033	3499	4176
≥9	10	9	7	10	4	6	9	3	1	3	3	1	3	2	3	73	540-1	147	2590	2886	4138
≥6	30	20	24	16	13	4	7	4	7	8	4	1	13	7	4	37	318-1	199	1835	1929	4103
≥3	31	20	14	9	16	7	6	4	5	5	1	3	3	2	1	4	156-1	131	654	689	4100

HOURS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																9	SEA-3	9	2441	4535	4544
≥24	1															12	SEA-3	13	2684	4256	4283
≥20		1				1										16	SEA-1	18	2693	4165	4215
≥16	4	1			2										1	28	2088-1	36	2964	4212	4335
≥12	6	3	5	1	1	3	2		1	2		1		1	1	55	1158-1	82	3290	3787	4204
≥9	16	2	9	9	3	5	4	2	2	4	3	5	4	3	2	67	678-1	140	2919	3233	4152
≥6	22	18	18	15	16	6	11	9	8	5	5	4	7	1	10	41	678-1	196	2135	2280	4145
≥3	31	26	23	13	16	11	3	10	8	3	4	5	3		1	5	228-1	162	826	858	4100

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4223	4223
≥56																6	SEA-6	6	2208	4223	4223
≥48																6	SEA-6	6	2208	4223	4223
≥40																6	SEA-6	6	2208	4223	4223
≥34																6	SEA-6	6	2208	4223	4223
≥28																6	SEA-6	6	2208	4223	4223
≥24																6	SEA-6	6	2208	4223	4223
≥20																6	SEA-6	6	2208	4223	4223
≥16																6	SEA-6	6	2208	4223	4223
≥12	1															8	SEA-2	9	2355	4539	4547
≥9	1											1				22	SEA-1	24	3115	4535	4591
≥6	7	2	5		3	1	1	2	2	4	2	1	1	1	2	53	1956-1	87	3339	4011	4280
≥3	20	16	13	6	10	15	10	9	9	10	7	6	8	7	1	67	450-1	214	2849	2999	4141

HOURS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28							1									8	SEA-3	9	2257	4327	4336
≥24					1											11	SEA-3	12	2426	4315	4334
≥20			1										1			14	SEA-1	16	2458	4274	4325
≥16	4	1			2	1	1	2	1	1		1	1		2	35	1584-1	52	2951	4076	4265
≥12	6	6	6	7	4	3	3	6	2	3	3	1	3	1	3	53	936-1	112	3013	3821	4192
≥9	22	11	11	10	4	6	12	7	6	6	2	4	2	3	6	56	510-1	168	2438	2857	4107
≥6	28	22	16	18	8	15	8	5	9	9	4	9	6	5	4	31	180-1	195	1774	1857	4100
≥3	20	15	12	15	9	11	7	9	4	3	3		3	5	1	4	144-1	121	679	701	4100

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24											1					8	SEA-5	9	2355	[illegible]	4449
≥20	1			1		1			2							16	SEA-3	21	2819	[illegible]	4537
≥16	3	2	2	2			1	2		3	2	2		1		36	2154-1	56	3293	4276	4471
≥12	10	5	6	4	2	4	5	1		1	3	1	3	2	2	47	1368-1	96	2996	3648	4308
≥9	13	10	10	11	6	2	3	6	3	3	3	2		2	3	49	1188-1	124	2593	3028	4165
≥6	21	13	8	11	2	8	8	6	7	3	3	4	4	2	2	41	630-1	143	2048	2155	4109
≥3	24	17	10	6	7	3	4	5	4	6	3	2	1	1	3	14	498-1	112	[illegible]	933	4100

HOURS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS

2 — 59.4N 172.0W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																10	SEA-2	10	2393	4485	4496
≥20					1					1						14	SEA-1	16	2409	4393	4439
≥16			1	1		1					2		1		1	24	2094-1	31	2802	4142	4267
≥12	6	2	3	1	1			4	1	2		1	2		3	45	1470-1	71	3239	3894	4245
≥9	2	2	3	7	2	6	4	3	4	4	2	3	2	3	1	49	990-1	97	2902	3426	4158
≥6	20	16	15	10	4	9	5	6	3	7	6	3	2	6	2	54	462-1	168	2366	2606	4136
≥3	35	14	17	12	14	13	7	9	6	4	7	5	3	6	5	11	264-1	168	1120	1167	4104

HOURS INTERVAL BETWEEN EVENTS

3 — 58.5N 151.6W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-5	6	2195	4267	4268
≥28																7	SEA-5	7	2410	4427	4434
≥24																8	SEA-3	8	2474	4515	4529
≥20																15	SEA-1	15	2719	4468	4519
≥16		1	1	1	1	2		1			2		1		1	25	SEA-1	36	2843	4182	4333
≥12	2	2	1	1	2	3		3	1	1	1	1	1	1		42	1698-1	62	3071	3810	4220
≥9	5	2	1	3	6	2	4	4	3	2	2	3		2	3	48	1692-1	90	2940	3454	4169
≥6	17	7	7	4	2		9	4	4	4	7	4	8	1	1	57	702-1	136	2681	2834	4141
≥3	35	18	13	14	14	12	3	6	10	5	8	4	6	3	1	33	294-2	165	1626	1684	4113

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-5	6	2195	4265	4268
≥28																7	SEA-4	7	2191	4335	4342
≥24									1	1					1	13	SEA-3	16	2582	4230	4264
≥20				1	1	2		1					1			18	SEA-1	24	2711	4245	4324
≥16	1	4	1		1					2	1		2			19	2160-1	31	2559	4074	4247
≥12	3	1	2	2	3	1	5		1	2		2	1	2	1	31	1788-1	57	2898	3758	4142
≥9	8	5	5		6	4	4	1	5	3	4	4	3	1	2	52	1086-1	107	3066	3299	4132
≥6	15	3	7	5	10	7	9	6	5	4	7	6	3	1	4	53	564-1	145	2276	2363	4122
≥3	14	18	12	8	8	6	6	8	7	2	6	5	2	2	3	16	258-1	123	1006	1011	4100

HOURS INTERVAL BETWEEN EVENTS

6 — 54.9N 167.1W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																8	SEA-4	8	2413	4373	4380
≥24																12	SEA-4	12	2711	4227	4248
≥20	1					2	2		1							20	SEA-1	26	2815	4178	4251
≥16	7	1	1	2		4	1		1	1	1		1	1	1	33	1848-1	55	3127	4081	4276
≥12	5	2	4	6	4	3	2	3	2	1	3	1	6	1	1	53	1398-1	97	3122	3624	4172
≥9	10	7	10	9	7	4	3	3	4	4	6	2	2	4	4	58	1392-1	137	2772	3034	4141
≥6	25	21	9	12	8	6	6	8	5	7	7	5	8	3	7	40	582-1	177	1960	2110	4136
≥3	20	19	19	14	9	13	7	7	3	7	2	5	1	2	1	4	186-1	133	724	777	4103

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-6	7	2255	4223	4224
≥28																7	SEA-5	7	2201	4250	4258
≥24	1															10	SEA-4	11	2349	4264	4281
≥20	1		1									1	2			20	SEA-1	25	3161	4188	4245
≥16	3		2	1		1		1	1	1		1	2	1		33	1818-1	47	3058	3988	4179
≥12	6	6		1		3	6	3	5	1	2	1	2	1	1	57	1182-1	95	3190	3661	4182
≥9	9	5	6	10	7	7	5	5	3	3	4	4	2	3		69	870-1	142	2860	3172	4166
≥6	19	8	18	10	8	11	14	4	6	4	5	7	2	5	7	44	282-2	172	1963	2209	4130
≥3	35	21	19	14	9	13	6	6	3	5	5	6	4	1	1	9	222-1	157	864	897	4103

HOURS INTERVAL BETWEEN EVENTS

9 — 51.7N 158.8E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-6	7	2495	4511	4512
≥28																9	SEA-4	9	2736	4402	4407
≥24																10	SEA-3	10	2766	4430	4442
≥20															1	16	SEA-2	17	2847	4494	4522
≥16	1	1		1								1				23	1710-1	27	3092	4363	4466
≥12	1		1		2	2	1		1		1				1	37	1572-1	47	3052	3984	4215
≥9	5	5	2	2	1	3	2	2	3			2	2	1	1	59	1452-1	90	3305	3591	4180
≥6	21	11	15	11	8	10	2	2	7	1	2	1	6	1	6	63	564-1	167	2605	2773	4136
≥3	32	14	22	11	13	8	11	7	4	7	5	10	1	3	3	22	300-2	173	1335	1416	4109

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28	1															9	SEA-3	10	2641	4509	4528
≥24	1												1			14	SEA-1	16	2718	4502	4549
≥20			1	1					1	1		1				22	2118-1	27	2853	4154	4257
≥16	3	1	3		2	1	1	1	4	1		2		2	1	40	1758-1	62	3286	3948	4233
≥12	10	11	4	2	3	3	6	5	3	5	3	3	2		3	60	1392-1	123	3055	3368	4153
≥9	15	8	10	9	8	8	8	7	5	4	5	2	2	8	4	45	1008-1	148	2519	2665	4109
≥6	24	27	18	12	9	6	13	7	9	6	2	5	4	6	2	29	288-1	179	1568	1632	4105
≥3	17	17	17	5	8	4	2	2	6	1	1	2	3			5	222-1	90	478	520	4100

HOURS INTERVAL BETWEEN EVENTS

12 — 50.9N 145.6W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																7	SEA-5	7	2471	4330	4334
≥24								1	2		1					12	SEA-2	16	2648	4358	4390
≥20	2	1		1	1	3	1		1							18	2160-1	28	2750	4293	4391
≥16	1	3	1	3	2		1			2	1	1		1		34	1806-1	50	2822	4105	4334
≥12	5	7	5	1	2	2	2	3	2	3	1	4	1	3	2	52	1194-1	95	3166	3531	4145
≥9	12	14	12	7	9	7	3	5	3	5	5	7	2		4	56	840-1	151	2682	2852	4127
≥6	18	15	20	6	12	7	9	8	7	3	4	2	1	3	2	36	372-1	153	1669	1730	4105
≥3	20	6	9	7	8	5	5	5	3		1	3	4		1	11	186-1	88	632	658	4100

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																8	SEA-5	8	2280	4248	4251
≥28																8	SEA-3	8	2181	4209	4219
≥24	1											1				14	SEA-1	17	2859	4358	4390
≥20	1		1	1			1			1		1				22	2088-1	28	2941	4308	4407
≥16	3	5	3	1					1	1	2	1	2	1	1	43	1272-1	64	3227	3964	4239
≥12	10	6	2	3	3	8	6	4	2	1	2	1	2	1		63	912-1	114	3033	3499	4176
≥9	10	9	7	10	4	6	9	3	1	3	3	1	3	2	3	73	540-1	147	2590	2886	4138
≥6	30	20	24	16	13	4	7	4	7	8	4	1	13	7	4	37	318-1	199	1835	1929	4103
≥3	31	20	14	9	16	7	6	4	5	5	1	3	3	2	1	4	156-1	131	654	689	4100

HOURS INTERVAL BETWEEN EVENTS

15 — 49.0N 128.4W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																7	SEA-6	7	2410	4291	4300
≥16	1	1	1					1			1				1	14	SEA-3	20	2843	4447	4502
≥12	3	1	2					1							1	30	2034-1	38	2843	4106	4292
≥9	3	4	3	1	2	1	1	1	2	1	1	1	2	2	1	41	2028-1	67	2845	3709	4213
≥6	13	16	8	5	10	1	3	3	3	7	5	3	2	2	2	49	1170-1	132	2511	2842	4133
≥3	27	22	13	9	14	6	8	5	8		6	2	4	4	3	23	354-1	154	1285	1322	4104

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4223	4223
≥56																6	SEA-6	6	2208	4223	4223
≥48																6	SEA-6	6	2208	4223	4223
≥40																6	SEA-6	6	2208	4223	4223
≥34																6	SEA-6	6	2208	4223	4223
≥28																6	SEA-6	6	2208	4223	4223
≥24																6	SEA-6	6	2208	4223	4223
≥20																6	SEA-6	6	2208	4223	4223
≥16																6	SEA-6	6	2208	4223	4223
≥12	1															8	SEA-2	9	2155	4539	4547
≥9	1											1				22	SEA-1	24	3115	4535	4591
≥6	7	2	5		3	1	1	2	2	4	2	1	1	1	2	53	1956-1	87	3339	4011	4280
≥3	20	16	13	6	10	15	10	9	9	10	7	6	8	7	1	67	450-1	214	2849	2999	4141

HOURS INTERVAL BETWEEN EVENTS

18 — 45.6N 144.2W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																7	SEA-5	7	2449	4253	4258
≥20			2				1	1	2							13	SEA-2	19	2539	4320	4361
≥16		2	2	2	1		1	1			1			1		27	2022-1	38	2903	4217	4397
≥12	2	6	4	4	1	1	2	5	3	2	1		5	1	2	40	1620-1	79	3068	3824	4268
≥9	11	8	8	6	9	4	1	3	4	1		2	2	1	2	47	1140-1	109	2705	3269	4196
≥6	18	11	10	11	5	3	7	2	2	2	1	4	5	3	2	48	732-1	134	2203	2298	4107
≥3	19	9	8	7	6	9	4	5	7	1	6	4		2	2	18	372-1	107	971	1017	4100

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24											1					8	SEA-5	9	2555	4436	4449
≥20	1			1		1			2							16	SEA-3	21	2819	4483	4537
≥16	3	2	2	2			1	2		3	2	2		1		36	2154-1	56	3293	4276	4471
≥12	10	5	6	4	2	4	5	1		1	3	1	3	2	2	47	1368-1	96	2996	3648	4208
≥9	13	10	10	11	6	2	1	6	3	3	3	2		2	1	49	1188-1	124	2593	3028	4165
≥6	21	13	8	11	2	8	8	6	7	3	3	4	4	2	2	41	630-1	143	2048	2155	4109
≥3	24	17	10	6	7	3	4	5	4	8	3	2	1	1	3	14	498-1	112	[illegible]	931	4100

HOURS INTERVAL BETWEEN EVENTS

21 — 43.7N 128.7W

Wave height	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20	1															7	SEA-5	8	[illegible]	[illegible]	[illegible]
≥16	1															9	SEA-3	10	[illegible]	[illegible]	[illegible]
≥12	1	3		1			1						1			25	2178-1	[illegible]	[illegible]	[illegible]	[illegible]
≥9	12	2	4	3	3	1	1	1	2	1	1	1	2	1	2	45	2160-1	[illegible]	[illegible]	[illegible]	[illegible]
≥6	23	9	9	6	11	6	3	2	4	4	6	2	2	1	5	51	1440-1	[illegible]	[illegible]	[illegible]	4172
≥3	27	17	11	9	8	4	4	7	4	8	2	5	5	4	1	21	342-1	137	1197	1208	4107

HOURS INTERVAL BETWEEN EVENTS

4

WAVE HEIGHT INTERVALS (Cont'd)

22 — 42.8N 167.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																7	SEA-4	7	2218	4255	4258
≥20			1													16	SEA-2	17	2515	4478	4517
≥16	3		2				1			2	1		1			31	1956-1	41	3018	4316	4470
≥12	2	8	6	2	2	3	4	2	5		2	1	3	4	1	47	1602-1	92	3212	3803	4313
≥9	13	10	9	5	10	5	4	2	3	7	3	4		3		56	1272-1	134	2799	3111	4149
≥6	28	16	11	8	7	13	5	4	10	3	3	7	6	4	2	37	486-1	164	1943	2101	4109
≥3	16	22	17	13	9	8	7	9	7	3		2	1	2	1	10	240-1	127	763	819	4100

HOURS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34												1				6	SEA-6	7	2220	4222	4224
≥28												1				7	SEA-5	8	2456	4456	4463
≥24												1				8	SEA-5	9	2469	4422	4436
≥20												1				11	SEA-3	12	2708	4356	4382
≥16	1					1	1			2				1		25	1974-1	31	2594	4205	4329
≥12	2	4	1	4	1	2	1	1	2			2	1	4	4	41	1422-1	70	3032	3919	4277
≥9	8	4	4	7	2	5	4	5	2	6	5	3	5	3	4	58	1356-1	125	2958	3352	4190
≥6	22	16	16	14	9	11	8	7	5	7	5	4	6	5	2	52	366-1	189	2257	2424	4136
≥3	33	20	19	20	14	10	13	5	7	5	4	4	1	4	1	10	150-1	170	949	966	4103

HOURS INTERVAL BETWEEN EVENTS

25 — 40.2N 131.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																7	SEA-6	7	2226	4222	4224
≥16																7	SEA-6	7	2227	4219	4224
≥12																8	SEA-6	8	2249	4287	4300
≥9				1												14	SEA-3	15	2557	4473	4522
≥6	2		2		1	1			1			1	1			34	1704-1	43	3411	4337	4531
≥3	17	9	5	1		3	3	2	6	2	8	2	3	2	3	73	852-1	139	3202	3453	4230

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																7	SEA-5	7	2512	4528	4530
≥24																9	SEA-4	9	2762	4527	4534
≥20																11	SEA-2	11	2739	4625	4644
≥16							1									15	SEA-1	16	2576	4358	4416
≥12		1		1				2					2			29	2112-1	35	2923	4248	4415
≥9	1	2	1	4	2	1	1	2	3	2	2	1	2	1	1	48	1230-1	74	2881	3819	4253
≥6	16	14	12	10	10	6	10	4	9	7	1	2	2	4	2	67	672-1	176	2685	2921	4135
≥3	27	25	19	16	12	13	6	7	7	3	7	2	2	3	3	20	252-1	172	1280	1310	4105

HOURS INTERVAL BETWEEN EVENTS

28 — 36.1N 123.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-5	6	2204	4220	4220
≥16				1												8	SEA-5	9	2371	4361	4364
≥12	3	2	2	1	1		1			3					1	27	SEA-1	41	2764	4656	4748
≥9	24	24	13	3	2	4	2	4	4	5	6	1	1	2	3	55	1302-1	153	3143	3865	4451
≥6	46	28	17	9	11	6	14	4	7	3	7	5	7	2	3	38	600-1	207	1944	2084	4190
≥3	21	13	5	5	5	4	5	3	3	2	1	2	3	1	1	3	138-2	77	402	433	4125

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-5	6	2200	4263	4268
≥16																7	SEA-4	7	2122	4138	4150
≥12						1		1	1		1					24	1884-1	28	2615	4252	4339
≥9	4			1	1		1		1	2		1		3	1	30	1872-1	45	2753	3949	4209
≥6	13	3	10	2	6	3	4	2	3	1	4	2	3	1	5	44	1068-1	106	2691	3445	4126
≥3	40	16	14	13	5	13	7	10	2	5	1	5	8	2	4	36	480-1	181	1877	2046	4106

HOURS INTERVAL BETWEEN EVENTS

31 — 35.6N 155.2W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																9	SEA-6	9	2688	4366	4370
≥16	2											1				10	SEA-6	13	2705	4319	4337
≥12	3	1				1		1					1			17	SEA-1	24	2528	4215	4288
≥9	2	3	1	1	2	2	2	2			2		2	1		28	1986-2	48	2841	3950	4184
≥6	11	4	3	8	3	7	1	5	3	1	2	2	1	3	1	37	1680-1	92	2905	3443	4147
≥3	22	17	15	13	11	8	7	8	5	7	3	2	2	6	2	37	840-1	165	1982	2161	4120

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4441	4445
≥16											1					7	SEA-6	8	2358	4345	4354
≥12									1							11	SEA-4	12	2574	4346	4369
≥9		1	1	1				1				1			1	19	2178-1	25	2735	4196	4303
≥6	10	1	6	1	2	1	1	1		2		2	1	1	1	45	1890-1	75	3029	3804	4203
≥3	34	23	11	11	14	9	7	10	4	3	5	7	5	3	3	44	606-1	193	2292	2438	4115

HOURS INTERVAL BETWEEN EVENTS

34 — 34.2N 155.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																7	SEA-6	7	2497	4222	4224
≥20																7	SEA-5	7	2253	4249	4258
≥16	1															11	SEA-1	12	2541	4542	4579
≥12	1		1	1				1			1					21	2130-1	26	2924	4395	4527
≥9	2	2			1	1	2			1	3		1			31	2130-1	44	2692	4035	4333
≥6	18	6	6	2	3	5	3	2	5	3	1	3	3	2	1	53	1578-1	116	2886	3407	4210
≥3	39	13	15	11	7	10	12	9	4	6	10	6	5	3	2	37	360-1	189	1804	1844	4105

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16	2															10	SEA-2	12	2413	4429	4444
≥12	1				1			1								20	2142-1	23	2457	4230	4323
≥9	2	3	1		1	1		1	2	2	1		2	2		30	2136-1	48	3124	4024	4292
≥6	12	6	7	3	1	3	2	2	3	3	3	3	3		2	54	996-1	107	2981	3470	4260
≥3	31	22	16	12	9	8	5	3	5	5	6	2	4	9	2	42	366-1	181	1828	1868	4102

HOURS INTERVAL BETWEEN EVENTS

37 — 32.9N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																6	SEA-6	6	2208	4224	4224
≥12			1		1											8	SEA-6	10	2534	4471	4477
≥9	10	3	1	1		1	1					2		1		19	SEA-2	39	2802	4383	4446
≥6	33	19	12	5	4	6	4	4	2	1	2		4	1	3	48	1500-1	148	2829	3899	4328
≥3	137	75	38	12	16	10	16	2	2	9	8	3	3	3	6	26	306-1	366	1820	1919	4194

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																7	SEA-6	7	2437	4397	4400
≥12		1														12	SEA-3	13	2809	4518	4543
≥9	1						1	2	1		2		1			28	2100-1	36	2911	4262	4479
≥6	16	2	7	2	4	3	3	2	1	2	2	1	2	1		58	714-1	107	2751	3232	4326
≥3	28	18	12	8	8	9	4	3	2	6	5	3	3	1	2	25	300-1	137	1149	1185	4112

HOURS INTERVAL BETWEEN EVENTS

40 — 29.6N 165.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																6	SEA-6	6	2208	4224	4224
≥12																7	SEA-6	7	2438	4223	4224
≥9																14	SEA-1	14	2593	4297	4327
≥6	4	1	2		1	1	2			1		1			2	38	1608-1	53	2884	3989	4182
≥3	60	9	22	9	15	11	7	6	10	6	2	8	5	2	2	48	360-1	222	2133	2351	4128

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-5	6	1913	4249	4252
≥28									1							6	SEA-5	7	1921	4245	4252
≥24	1				1	1										8	SEA-4	11	2022	4336	4356
≥20	1	2		1		1	1									12	SEA-4	18	2552	4308	4356
≥16	2	2	1		1									1		16	SEA-2	23	2676	4317	4434
≥12	3	5	1				2		3	2				1		27	SEA-2	44	3256	4518	4808
≥9	8	3	2		1	4	2	1	1	1			1	3		37	1302-1	64	2964	3905	4482
≥6	15	5	3	2	4	4	4			5	1		2	2	2	56	1062-1	105	2668	3111	4270
≥3	25	8	8	11	3	7	8	9	7	4	4	1		2	1	33	366-1	131	1429	1559	4137

HOURS INTERVAL BETWEEN EVENTS

23 42.4N 172.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34												1				6	SEA-6	7	2220	4222	4224
≥28												1				7	SEA-5	8	2456	4456	4463
≥24												1				8	SEA-5	9	2469	4422	4436
≥20												1				11	SEA-3	12	2708	4356	4382
≥16	1					1	1			2				1		25	1974-1	31	2594	4205	4329
≥12	2	4	1	4	1	2	1	1	2			2	1	4	4	41	1422-1	70	3032	3919	4277
≥9	8	4	4	7	2	5	4	5	2	6	5	3	5	3	4	58	1356-1	125	2958	3352	4190
≥6	22	16	16	14	9	11	8	7	5	7	5	4	6	5	2	52	366-1	189	2257	2424	4136
≥3	33	20	19	20	14	10	13	5	7	5	4	4	1	4	1	10	150-1	170	949	966	4103

HOURS INTERVAL BETWEEN EVENTS

24 41.0N 134.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																9	SEA-5	9	2540	4333	4340
≥12	1		2								2		1		1	16	SEA-1	23	2367	4367	4459
≥9	4	4	1		1	1	2	1	1							29	2172-1	44	2716	4075	4391
≥6	9	7	3	1	2	2	2	3	1	2	4	2	2	3	2	54	1332-1	99	2794	3279	4229
≥3	24	13	18	14	11	5	5	7	9	2	4	4	3	1	2	33	492-1	155	1648	1733	4100

HOURS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																7	SEA-5	7	2512	4528	4530
≥24																9	SEA-4	9	2762	4527	4534
≥20																11	SEA-2	11	2739	4625	4644
≥16																15	SEA-1	16	2576	4358	4416
≥12		1		1				2					2			29	2112-1	35	2923	4248	4415
≥9	1	2	1	4	2	1	1	2	3	2	2	1	2	1	1	48	1230-1	74	2881	3819	4253
≥6	16	14	12	10	10	6	10	4	2	7	1	2	2	4	2	67	672-1	176	2685	2921	4135
≥3	27	25	19	16	12	13	6	7	7	3	7	2	2	3	3	20	252-1	172	1280	1310	4105

HOURS INTERVAL BETWEEN EVENTS

27 36.2N 127.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																7	SEA-6	7	2435	4395	4397
≥16																9	SEA-4	9	2590	4526	4542
≥12	5	1		1			1									23	SEA-2	35	2799	4334	4439
≥9	6	8	5	3	1		2	2	3	1	2	1	2			53	1422-1	90	3271	3862	4400
≥6	21	9	4	4	6	6	9	6	5	3	2	3	4	4	4	51	588-1	141	2327	2521	4239
≥3	27	15	7	9	6	5	7	2	3	4	5	1		5	2	10	384-1	108	733	749	4106

HOURS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-5	6	2200	4263	4268
≥16																7	SEA-4	7	2122	4138	4150
≥12										1						24	1884-1	28	2615	4252	4339
≥9	4						1		1	2				3	1	30	1872-1	45	2753	3949	4209
≥6	13	3	10	2	6	3	4	2	3	1	4	2	3		5	44	1068-1	106	2691	3445	4126
≥3	40	16	14	13	5	13	7	10	2	5	1	5	8	2	4	36	480-1	181	1877	2046	4106

HOURS INTERVAL BETWEEN EVENTS

30 35.7N 176.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																7	SEA-5	7	2046	4248	4252
≥16										1						8	SEA-4	9	2184	4371	4382
≥12									1						1	17	2154-1	19	2192	4264	4330
≥9	4	1	3	1					2	1	1	1	2			29	1896-1	46	2957	4080	4274
≥6	14	7	5	4	6	2	10	3	1	1	2	3	1	1	3	61	912-1	124	3127	3485	4213
≥3	55	25	23	16	12	13	6	10	7	3	1	4	6	1	3	47	402-1	232	2004	2043	4127

HOURS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4441	4445
≥16																8	SEA-6	8	2358	4365	4377
≥12																11	SEA-4	12	2574	4346	4369
≥9		1	1		1	1		1				1		1	1	19	2178-1	25	2735	4196	4303
≥6	10		6		1	2	1	1					3	1	1	45	1890-1	75	3029	3804	4203
≥3	34	23	11	11	14	9	7	10	4	3	5	7	5	3	3	44	606-1	193	2292	2438	4115

HOURS INTERVAL BETWEEN EVENTS

33 34.6N 145.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-5	6	1923	4251	4252
≥28																6	SEA-5	6	1922	4249	4252
≥24																7	SEA-5	7	2213	4245	4252
≥20																8	SEA-5	8	2460	4235	4252
≥16																11	SEA-5	11	2674	4233	4252
≥12							1		2		1	2				27	SEA-2	33	2860	4276	4390
≥9	3	2	1	3	2	3	1	1	1	1			1		1	41	2142-1	63	2732	3885	4254
≥6	16	11	8	2	8	1	2	4	3	4	2	1	1	4	3	61	666-1	131	2762	3134	4201
≥3	26	5	13	12	12	11	7	6	10	6	7	5	7	5		28	354-1	158	1584	1640	4106

HOURS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4248
≥16	2															10	SEA-2	12	2413	4429	4444
≥12																20	2142-1	23	2457	4230	4323
≥9	2	3	1					1	2	1		1	2	2		30	2136-1	48	3124	4024	4292
≥6	12	6		3		3	2	3	2	3	3	3	3		2	54	996-1	107	2981	3470	4260
≥3	31	22	16	12	9	8	5	3	5	5	6	2	4	9	2	42	366-1	181	1828	1868	4102

HOURS INTERVAL BETWEEN EVENTS

36 33.7N 123.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-5	6	2029	4251	4252
≥20																6	SEA-5	6	2028	4248	4252
≥16																7	SEA-5	7	2226	4242	4252
≥12	1															12	SEA-3	13	2533	4448	4478
≥9	1		1	2			1									24	SEA-2	33	3014	4443	4569
≥6	5	2	1	2	1	3		1	1	2		3				50	1140-1	72	3216	3989	4431
≥3	28	16	9	6	6	5	9	6	3	6	6			9	4	65	444-1	181	2711	2829	4184

HOURS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																7	SEA-6	7	2437	4397	4400
≥12																12	SEA-3	13	2809	4518	4543
≥9	1							1	2		1					28	2100-1	36	2911	4262	4479
≥6	16	3	7	2	4	3	1	2	1	1	2	1	1			58	714-1	107	2751	3232	4326
≥3	28	18	12	8	8	9	4	3	2	6	5	3	3	1	2	25	300-1	137	1149	1185	4112

HOURS INTERVAL BETWEEN EVENTS

39 29.9N 177.3W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																7	SEA-6	7	2353	4369	4371
≥12									1							8	SEA-3	9	2123	4185	4211
≥9	2	1													1	18	2100-1	22	2610	4287	4379
≥6	7			1	2	3	2	1						1		46	1398-1	63	2902	3861	4239
≥3	38	19	10	14	8	4	6	3	8	1	1	8	5	3	2	53	420-1	183	2064	2290	4107

HOURS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-5	6	1913	4249	4252
≥28																7	SEA-2	7	1921	4245	4252
≥24																8	SEA-2	11	2092	4136	4328
≥20	1	2				1										12	SEA-4	18	2522	4308	4356
≥16	2	2	1													16	SEA-2	23	2676	4317	4434
≥12	3	3					2		3	2						27	1350-1	44	3250	4518	4808
≥9	8	3	2		1	4	1									37	1302-1	64	2964	3905	4462
≥6	15	3	2	3	2	4	4						1	2	2	56	1062-1	105	2668	3113	4270
≥3	25	8	8	11	3	7	8	9	7	4	4	1	1	4	2	33	366-1	131	1429	1559	4137

HOURS INTERVAL BETWEEN EVENTS

42 28.6N 139.2W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																6	SEA-6	6	2208	4441	4445
≥12										1						8	SEA-4	9	2372	4381	4402
≥9							1									15	2064-1	16	2629	4341	4411
≥6	5	7	3	5	2	1	4		3	1	1	1	1		1	51	1344-1	86	3180	3700	4268
≥3	58	26	17	11	12	10	10	8	10	7	4	4	3		8	30	196-1	218	1684	1772	4125

HOURS INTERVAL BETWEEN EVENTS

2

43 28.2N 125.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-5	6	2026	4250	4252
≥24													1			7	SEA-5	8	2022	4245	4252
≥20										1						7	SEA-5	8	2016	4237	4252
≥16	1		1													13	SEA-3	15	3125	4857	4906
≥12	2													1		18	SEA-1	21	2909	4572	4690
≥9	5	1	1		2							1			1	36	1620-1	47	3205	4315	4604
≥6	19	4	8	1	3	2	2	3	3	2	2	2	4	3	2	53	1242-1	113	3164	3638	4400
≥3	39	13	17	7	6	4	4	6	7	7	5	2		6	1	45	612-1	169	2016	2109	4133

HOURS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4222	4222
≥56																6	SEA-6	6	2208	4222	4222
≥48																6	SEA-6	6	2208	4222	4222
≥40																6	SEA-6	6	2208	4222	4222
≥34																6	SEA-6	6	2208	4222	4222
≥28																6	SEA-5	6	1916	4249	4250
≥24																7	SEA-5	7	1979	4245	4250
≥20	1															9	SEA-5	10	2446	4225	4250
≥16					1											12	SEA-4	13	2563	4459	4505
≥12		4				1					2			1		18	SEA-2	26	2756	4349	4482
≥9	3	2		1	2	2	2	1	1				1			25	SEA-1	40	2907	4170	4469
≥6	7	6	2	2	1	2	1		3	3	3			4	1	48	1014-1	83	2754	3498	4305
≥3	35	11	5	7	5	10	11	6	7	3	4	10	7	7	2	39	354-1	169	1879	2032	4140

HOURS INTERVAL BETWEEN EVENTS

46 26.1N 170.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																6	SEA-4	6	1837	4279	4286
≥12			1													11	SEA-3	12	2529	4252	4281
≥9	2	2	1				1			1						18	SEA-2	25	2619	4079	4183
≥6	17	2	2	3	1	4	3		3	3	3	1		4		46	1626-1	92	3109	3782	4286
≥3	39	15	13	3	8	4	4	10	5	4	7	6	4	6	1	39	504-1	168	1774	1956	4107

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																7	SEA-6	7	2469	4484	4488
≥16																7	SEA-6	7	2468	4479	4489
≥12	1															8	SEA-4	9	2323	4463	4487
≥9								1	1							16	SEA-4	18	2685	4450	4518
≥6	14	7	5	3	1	3	5	5	3	2	1	3	2	3	5	51	954-1	113	3005	3439	4219
≥3	32	19	19	10	6	3	2	4	3	5	5	4	5	1	1	8	204-2	127	725	752	4139

HOURS INTERVAL BETWEEN EVENTS

49 22.6N 128.0E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-5	7	2021	4247	4252
≥28				1												7	SEA-5	8	2015	4236	4252
≥24	1															7	SEA-5	8	2010	4228	4252
≥20	2			1					1							10	SEA-3	14	2134	4194	4242
≥16	2	2	1						1							20	SEA-1	26	2502	4497	4599
≥12	2	2	2			1			1			1				27	1572-1	36	2814	4356	4623
≥9	6	2	1	2	3	1	2	1	2	2			3	1	1	39	1170-1	66	2954	3832	4373
≥6	14	12	8	2	7	4	2	4	1		3	3	5	1	2	51	900-1	119	2698	3024	4210
≥3	32	20	11	8	7	10	8	3	6	2	3	4	1	1	3	32	516-1	151	1549	1688	4122

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																6	SEA-6	6	2208	4224	4224
≥12																7	SEA-6	7	2243	4259	4261
≥9	1															15	SEA-4	16	2687	4412	4431
≥6	28	11	8	5	6	1	5	2		2		1	2		2	34	SEA-1	107	2808	3891	4221
≥3	62	25	14	16	8	5	7	6	8	3	8	7	5	3	2	42	486-1	221	2068	2316	4126

HOURS INTERVAL BETWEEN EVENTS

52 19.2N 127.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24			1													7	SEA-5	8	2055	4247	4252
≥20						1									1	7	SEA-5	9	2055	4238	4252
≥16		1											1			9	SEA-4	11	2149	4251	4282
≥12	3			1	1	1					1	2				13	SEA-2	22	2585	4393	4472
≥9	8		2		3		2	4	2	3	1		1		3	40	1716-1	69	3121	4133	4426
≥6	23	17	15	9	8	7	4	3	5	7	4	2	4	4	5	57	1458-1	174	2735	2994	4215
≥3	44	27	16	7	5	8	6	4		3	1	1	2	4	2	9	204-1	139	690	692	4114

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-5	6	2141	4157	4157
≥34																6	SEA-5	6	2141	4157	4157
≥28																7	SEA-4	7	2058	4181	4183
≥24																8	SEA-4	8	2162	4284	4290
≥20	1					1										10	SEA-2	12	1857	4207	4228
≥16	1								1						1	16	SEA-2	19	2107	4211	4271
≥12	6				1	1		3	1							27	1776-1	39	2366	4164	4344
≥9	7	3	6		2		2			1			1	1	2	46	1014-1	71	3243	39[illegible]	4296
≥6	16	1	11	5	3	3	3	5	1		7	4	3	2	2	52	762-1	118	3059	[illegible]	[illegible]
≥3	39	27	14	8	8	10	7	2	5	5	5	4	3	2	4	44	390-1	187	2008	2178	[illegible]

HOURS INTERVAL BETWEEN EVENTS

55 17.6N 138.5E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28		1														6	SEA-4	7	1783	4292	4296
≥24	1															8	SEA-4	9	1836	4286	4296
≥20	1															12	SEA-4	13	2227	4541	4567
≥16	2				1		2									14	SEA-2	19	2237	4460	4539
≥12		3					1					1			1	19	SEA-1	25	2612	4483	4668
≥9	6	1	2	1		1	1	1	2	1	3			2		40	1188-1	61	3282	4233	4596
≥6	13	10	4	7	5	5	3	2	6	3	3	2	2	3	1	57	960-1	126	3068	3338	4275
≥3	37	14	8	9	10	4	6	11	3	8	5	9	5	5	7	29	360-1	170	1652	1737	4136

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4218	4218
≥56																6	SEA-6	6	2208	4218	4218
≥48																6	SEA-6	6	2208	4218	4218
≥40																6	SEA-6	6	2208	4218	4218
≥34																6	SEA-6	6	2208	4218	4218
≥28																7	SEA-6	7	2446	4217	4218
≥24																7	SEA-6	7	2446	4216	4218
≥20	1	1													2	10	SEA-5	14	2579	4493	4510
≥16		1		1							1	1				12	SEA-4	16	2787	4439	4484
≥12	3	1								2		1			1	14	SEA-3	22	2840	4335	4427
≥9	1			1			2	1			1	1		2		16	SEA-1	25	2410	4308	448[illegible]
≥6	6	1	1	2		1	1	2		1	1	1	2			34	1158-1	53	2710	3973	4333
≥3	32	18	17	9	7	12	9	4	1	3	5	7	1	5	5	59	510-1	194	2779	3006	418[illegible]

HOURS INTERVAL BETWEEN EVENTS

58 14.5N 127.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-5	6	2133	4149	4149
≥28																6	SEA-5	6	2133	4149	4149
≥24																7	SEA-5	7	2225	4241	4244
≥20																7	SEA-4	7	2034	4264	4273
≥16																10	SEA-2	10	1766	4307	4331
≥12	3	1	2					1			1					13	SEA-2	21	2338	4465	4539
≥9	3	1	2	3	1	1	2	1				1	1			18	SEA-2	34	2550	4383	4554
≥6	14	1	3	3		1	3	3	2	3	1	1	1		1	49	1044-1	86	3306	3909	4431
≥3	33	16	17	13	4	6	7	4	2	1	4	3		3	3	57	762-1	173	2488	2661	4149

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-5	6	2026	4251	4252
≥16			1													6	SEA-5	7	2028	4247	4252
≥12		1														7	SEA-5	8	2086	4239	4252
≥9	2	1	2		1	1	2	1	1							16	SEA-1	27	2815	4591	4663
≥6	17	8	4	5	3	1	3		5	2	2	2	3	2	1	51	972-1	109	2990	3824	4474
≥3	45	25	12	6	7	6	4	3	2	4	3	5	1	1		18	336-1	142	909	979	4165

HOURS INTERVAL BETWEEN EVENTS

61 12.0N 156.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-5	6	1894	4251	4252
≥24																6	SEA-5	6	1894	4251	4252
≥20																6	SEA-5	6	1893	4249	4252
≥16																6	SEA-5	6	1892	4247	4252
≥12	1	1					1	1								8	SEA-5	12	2215	4231	4247
≥9	2	1		1					1	1						14	SEA-3	20	2258	4112	4175
≥6	9	7	4	1	2	2	1			2		1				35	SEA-1	66	2696	3977	4272
≥3	30	17	16	5	6	7	8	4	8	3	4	2	3	2	2	43	672-	160	1932	2346	4121

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4205	4205
≥56																6	SEA-6	6	2208	4205	4205
≥48																6	SEA-6	6	2208	4205	4205
≥40																6	SEA-6	6	2208	4205	4205
≥34																6	SEA-6	6	2208	4205	4205
≥28																6	SEA-6	6	2208	4205	4205
≥24																6	SEA-6	6	2208	4205	4205
≥20																6	SEA-6	6	2208	4205	4205
≥16																6	SEA-6	6	2208	4205	4205
≥12																6	SEA-5	6	2183	4180	4180
≥9																7	SEA-5	7	2379	4320	4324
≥6																8	SEA-5	8	2365	4295	4346
≥3		2		1		1						1				16	SEA-2	21	2521	4121	4218

HOURS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS (Cont'd)

44 27.9N 150.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4222	4222
≥56																6	SEA-6	6	2208	4222	4222
≥48																6	SEA-6	6	2208	4222	4222
≥40																6	SEA-6	6	2208	4222	4222
≥34																6	SEA-6	6	2208	4222	4222
≥28																6	SEA-5	6	1916	4249	4250
≥24																7	SEA-5	7	1979	4245	4250
≥20																9	SEA-5	10	2446	4225	4250
≥16					1											12	SEA-4	13	2563	4459	4505
≥12		4				1					2			1		18	SEA-2	26	2756	4349	4482
≥9	3	2		1	2	2	2	1	1				1			25	SEA-1	40	2907	4170	4469
≥6		6	5	2	1	2	1		3	3	3			4	1	48	1014-1	83	2754	3498	4305
≥3	35	[illegible]	5	[illegible]	5	10	[illegible]	6	[illegible]	3	4	10	7	7	2	39	354-1	169	1879	2032	4140

HOURS INTERVAL BETWEEN EVENTS

45 27.8N 145.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																6	SEA-6	6	2208	4224	4224
≥12																7	SEA-6	7	2288	4213	4213
≥9	1		1	1		1										15	SEA-2	19	2256	4206	4248
≥6	8	3	3	4	1	3		1		4	5		3	5	1	38	2178-1	79	3377	3975	4325
≥3	47	20	8	10	9	10	6	7	6	9	4	7	1	2	3	39	576-1	188	1911	2034	4103

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																7	SEA-6	7	2469	4484	4488
≥16																7	SEA-6	7	2468	4479	4489
≥12	1															8	SEA-4	9	2323	4463	4487
≥9								1	1							16	SEA-4	18	2685	4450	4518
≥6	4	1	5	3	1	3	5	5	3	2	1	3	2	3	5	51	954-1	113	3005	3439	4219
≥3	12	9	9	10	6	3	2	4	3	5	5	4	5	1	1	8	204-2	127	725	759	4139

HOURS INTERVAL BETWEEN EVENTS

48 23.5N 151.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16		1														7	SEA-6	8	2384	4391	4394
≥12																7	SEA-6	7	2357	4364	4370
≥9	1	1			1		1							1		11	SEA-4	16	2273	4262	4295
≥6	5	5	3	1	4		1	1	2			1		1	1	38	1536-1	63	2687	3965	4316
≥3	48	17	10	15	8	9	12	3	7	5	3	6	3	3	1	33	402-1	183	1707	1795	4143

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																6	SEA-6	6	2208	4224	4224
≥12																7	SEA-6	7	2243	4259	4261
≥9	1															15	SEA-4	16	2687	4412	4431
≥6	28	1	8	5	6	1	5	2		2		1	2		2	34	SEA-1	107	2808	3891	4221
≥3	62	25	14	16	8	5	7	6	8	3	8	7	5	3	2	42	486-1	221	2068	2316	4126

HOURS INTERVAL BETWEEN EVENTS

51 20.5N 177.1W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																6	SEA-6	6	2208	4224	4224
≥12	1															6	SEA-5	7	2203	4266	4268
≥9		1		1	1											11	SEA-3	14	2289	4240	4273
≥6	8	2	2	3	1	2	3	1	1	3	2	1		2	3	44	1554-1	78	2978	3642	4207
≥3	42	16	9	8	7	9	2	3	6	4	2	5	7	6	2	36	378-1	164	1481	1597	4110

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-5	6	2141	4157	4157
≥34																6	SEA-5	6	2141	4157	4157
≥28																7	SEA-4	7	2058	4181	4183
≥24																8	SEA-4	8	2162	4284	4290
≥20	1					1										10	SEA-2	12	1857	4207	4228
≥16	1								1						1	16	SEA-2	19	2107	4211	4271
≥12	6				1	1		3	1							27	1776-1	39	2366	4164	4344
≥9	1	3	6		2		2			1			1	1	2	46	1014-1	71	3243	3921	4296
≥6	16	1	11	5	3	3	3	5	1		7	4	3	2	2	52	762-1	118	3059	3355	4204
≥3	39	27	14	8	8	10	7	2	5	5	5	4	3	2	4	44	390-1	187	2008	2178	4125

HOURS INTERVAL BETWEEN EVENTS

54 18.2N 168.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-5	6	1877	4250	4252
≥16																6	SEA-5	6	1877	4248	4252
≥12	1	1	1					1				1				13	SEA-2	18	2513	4515	4548
≥9	4			1	1			1				1		1	1	26	SEA-1	36	2627	4172	4307
≥6	15	10	3	6	4	3	3	3	4		4	4	3	3	2	49	960-1	116	2891	3687	4319
≥3	44	19	13	6	10	12	9	3	9	9	7	6	7	2	3	23	378-2	182	1436	1460	4117

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4218	4218
≥56																6	SEA-6	6	2208	4218	4218
≥48																6	SEA-6	6	2208	4218	4218
≥40																6	SEA-6	6	2208	4218	4218
≥34																6	SEA-6	6	2208	4218	4218
≥28																7	SEA-6	7	2446	4217	4218
≥24																7	SEA-6	7	2446	4216	4218
≥20	1	1													2	10	SEA-5	14	2579	4493	4510
≥16		1		1							1	1				12	SEA-4	16	2787	4439	4484
≥12	3	1								2		1			1	14	SEA-3	22	2840	4335	4427
≥9	1			1			2	1			1	1		2		16	SEA-1	25	2410	4308	4481
≥6	6	1	1	2		1	1	2		1	1	1	2			34	1158-1	53	2710	3973	4333
≥3	32	18	17	9	7	12	9	4	1	3	5	7	1	5	5	59	510-1	194	2779	3006	4181

HOURS INTERVAL BETWEEN EVENTS

57 14.9N 147.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																7	SEA-6	7	2259	4222	4224
≥28																7	SEA-6	7	2258	4221	4224
≥24																7	SEA-6	7	2257	4219	4224
≥20																7	SEA-6	7	2256	4218	4224
≥16	2												1			8	SEA-5	11	2118	4230	4252
≥12	1		1		1						1					12	SEA-4	16	2433	4279	4313
≥9	3	1	3	1		1			1	1	1		1	1	2	29	SEA-1	45	3172	4603	4765
≥6	14	5	11	1	4	3	4	1	2	2		1	2	1	3	48	1566-1	102	3268	3875	4472
≥3	45	16	13	16	10	11	4	9	6	4	5	7	3	4	6	42	360-2	201	2065	2194	4141

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-5	6	2026	4251	4252
≥16			1													6	SEA-5	7	2028	4247	4252
≥12		1														7	SEA-5	8	2086	4239	4252
≥9	2	1	2		1	1	2	1	1							16	SEA-1	27	2815	4591	4663
≥6	17	8	4	5	3	1	3		5	2	2	2	3	2	1	51	972-1	109	2990	3824	4474
≥3	45	25	12	6	7	6	4	3	2	4	3	5	1	1		18	336-1	142	909	979	4165

HOURS INTERVAL BETWEEN EVENTS

60 12.2N 112.6E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4224	4224
≥56																6	SEA-6	6	2208	4224	4224
≥48																6	SEA-6	6	2208	4224	4224
≥40																6	SEA-6	6	2208	4224	4224
≥34																6	SEA-6	6	2208	4224	4224
≥28																6	SEA-6	6	2208	4224	4224
≥24																6	SEA-6	6	2208	4224	4224
≥20																6	SEA-6	6	2208	4224	4224
≥16																7	SEA-5	7	2275	4193	4195
≥12	2			1												9	SEA-2	12	1891	4366	[illegible]
≥9	4	1	1	1				1	1							19	SEA-1	28	2537	4338	4470
≥6	15	7	1	7		4		1	2	2	2		2	2	3	32	1482-1	80	2468	3721	4300
≥3	43	15	6	4	3	5	4	5	6	4	3	3	1	4	4	44	576-1	154	2459	2731	4233

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4205	4205
≥56																6	SEA-6	6	2208	4205	4205
≥48																6	SEA-6	6	2208	4205	4205
≥40																6	SEA-6	6	2208	4205	4205
≥34																6	SEA-6	6	2208	4205	4205
≥28																6	SEA-6	6	2208	4205	4205
≥24																6	SEA-6	6	2208	4205	4205
≥20																6	SEA-6	6	2208	4205	4205
≥16																6	SEA-6	6	2208	4205	4205
≥12																6	SEA-5	6	2183	4180	4180
≥9																7	SEA-5	7	2379	4320	4324
≥6																8	SEA-5	8	2365	4295	4346
≥3		2		1		1						1				16	SEA-2	21	2521	4121	4218

HOURS INTERVAL BETWEEN EVENTS

63 2.1N 123.6E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4193	4193
≥56																6	SEA-6	6	2208	4193	4193
≥48																6	SEA-6	6	2208	4193	4193
≥40																6	SEA-6	6	2208	4193	4193
≥34																6	SEA-6	6	2208	4193	4193
≥28																6	SEA-6	6	2208	4193	4193
≥24																6	SEA-6	6	2208	4193	4193
≥20																6	SEA-6	6	2208	4193	4193
≥16																7	SEA-6	7	2346	4331	[illegible]
≥12																7	SEA-6	7	2346	4331	[illegible]
≥9																7	SEA-6	7	2346	4331	[illegible]
≥6																7	SEA-6	7	2346	4331	[illegible]
≥3	4	1								1		1				13	2148-1	20	2317	4503	4551

HOURS INTERVAL BETWEEN EVENTS

4

WAVE HEIGHT INTERVALS

1 — 64.0N 166.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																6	SEA-5	6	2203	4929	4931
≥34																8	SEA-5	8	2406	4937	4944
≥28																13	SEA-4	13	2668	4901	4929
≥24		3	1		1						1					23	SEA-1	29	2813	4968	5040
≥20	10	5	3	3		1			2							41	SEA-1	65	3042	4811	5013
≥16	11	2	4	1	1	1		2	1		1	3	2		3	46	SEA-1	78	3099	4292	4693
≥12	13	11	11	5	3	5	4	5	3	4	4	3	3	4	8	64	648-1	150	3001	3931	4718
≥9	45	17	14	10	15	12	6	11	6	11	10	6	3	5	10	57	444-1	238	2749	3000	4645
≥6	47	22	20	16	23	13	16	10	15	5	6	6	3	4	3	27	342-1	236	1719	1800	4604
≥3	32	16	18	18	11	5	5	4	6	1	2	1	1	1	1	5	150-1	127	574	593	4545

HOURS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																7	SEA-5	7	2532	5062	5065
≥40											1					7	SEA-3	8	2322	4852	4859
≥34									3				1			15	SEA-2	19	2143	4645	4681
≥28		3		1	1			2	1	1		1	1			39	1386-1	50	3066	4568	4737
≥24	4	6	3	3	1	1	4	3	2	4	1	1	2	1	1	50	1380-1	87	3237	4343	4706
≥20	8	3	4	4	3	4	4	4	5	3	2	5	4	3	1	69	1158-1	126	3083	3992	4665
≥16	13	9	9	8	5	13	4	6	11	5	5	4	6	6	3	69	546-1	176	2919	3485	4687
≥12	18	11	21	19	16	8	8	10	2	13	7	5	5	4	5	56	414-1	208	2427	2715	4662
≥9	25	20	23	9	21	11	13	13	10	9	4	4	5	6	7	24	306-1	204	1661	1875	[illegible]
≥6	33	28	20	26	23	7	3	8	4	2	6	4	4	1	1	9	270-1	179	945	1002	4549
≥3	22	16	9	6	3	2	5	1		1	1					1	108-1	67	214	217	4545

HOURS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56													1			5	SEA-5	6	1853	4576	4577
≥48											1					6	SEA-5	7	2089	4811	4815
≥40											1					11	SEA-2	12	2379	4902	4927
≥34			1						1							21	SEA-2	23	2467	4936	5023
≥28	3	2	1	2				2	1	4		1	2		1	45	1914-1	64	3067	4477	4754
≥24	5	8	5	3	3		5	4	1	6	4	4	1		3	58	1440-1	110	3105	4143	4682
≥20	6	8	7	8	9	10	3	8	9	3	6	7	8	3	6	59	894-1	160	3075	3613	4613
≥16	15	7	15	10	14	6	10	10	8	11	11	9	2	3	5	63	456-1	199	2693	2901	4595
≥12	16	20	21	17	16	15	19	9	6	12	8	7	3	7	6	36	246-1	218	1911	2011	4571
≥9	25	24	19	16	12	16	6	4	6	6	7	3	7	4	2	15	228-1	172	1128	1208	4545
≥6	26	22	17	12	14	6	7	7	3	5	1	2	1	1	1	1	96-1	126	550	575	4545
≥3	17	5	7	2			2										42-2	33	70	81	4545

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																6	SEA-5	6	1952	4651	4652
≥40	1			2						1						13	SEA-3	17	2836	5259	5286
≥34		3		1	1		1	1	1	1						27	SEA-1	36	3112	5088	5169
≥28	1	2	1	1	6	2	2	1	2	3		1	1		1	49	1398-1	73	3883	4817	5131
≥24	6	2	4	10	2	4	5	3		4	3		1	1	1	63	1386-1	109	3756	4361	4945
≥20	11	5	4	7	7	6	3	5	5	6	1	5	6	1	3	65	1146-1	140	3421	3904	4929
≥16	14	16	15	17	4	11	7	8	12	5	7	4	4	5	5	52	558-1	186	2598	2951	4640
≥12	30	18	11	16	8	10	7	13	10	4	5	4	5	4	4	38	372-1	187	1777	1960	4554
≥9	30	20	14	11	11	11	11	9	4	3	5	6	8	3	1	19	300-1	166	1200	1278	4549
≥6	35	13	12	6	12	8	6	6	2	2	1		4	1	1	3	138-1	112	511	549	4545
≥3	11	11	3	4	2	1		2									48-2	34	90	92	4545

HOURS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																[illegible]	SEA-5	5	1840	4565	4565
≥56																6	SEA-6	6	2208	4929	4930
≥48																7	SEA-5	7	2405	5125	5128
≥40											1					6	SEA-4	7	2004	4812	4821
≥34									1							16	SEA-1	17	2869	5037	5080
≥28	1		1		2				2			1		1	1	43	SEA-1	52	3183	4589	4767
≥24	10	2	2		3	2	2		4	3	1	4	2	1	1	57	1782-1	94	3498	4291	4716
≥20	9	3	5	5	2	5	7	4	4	1	6	2	5	3	4	69	1044-1	134	3274	3869	4674
≥16	16	15	9	10	5	8	8	2	3	10	10	7	10	3	5	66	630-1	187	2901	3144	4596
≥12	22	13	17	13	18	10	12	14	14	11	5	5	10	9	6	38	294-1	217	2149	2260	4557
≥9	33	29	27	19	15	16	12	12	9	6	6	4	7	6	2	14	204-1	217	1362	1448	4544
≥6	37	24	22	16	13	8	2	3	6	5	4	1	2		2	2	126-1	147	622	669	4544
≥3	13	8	4	3	4	1	2	3									48-3	38	117	127	4544

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																6	SEA-6	6	2208	4930	4931
≥56																6	SEA-6	6	2208	4929	4931
≥48			1								1					6	SEA-5	8	1984	4568	4575
≥40										2						16	SEA-2	18	2823	5224	5270
≥34	2		2						1				2			26	SEA-1	33	3152	4882	4992
≥28	5	3	2	2	4	1		1	2	1	1					52	SEA-1	74	3050	4413	4708
≥24	6	5	7	5	5	2	3	4	3	5	2	1	1	7	4	71	SEA-1	131	3419	4170	4727
≥20	11	15	1	11	13	10	6	5	9	8	2	7	5	3	5	76	600-1	187	3295	3675	4651
≥16	14	24	22	11	7	10	14	11	8	4	4	9	11	6	8	60	558-1	223	2738	3002	4618
≥12	42	20	35	26	21	18	10	4	13	10	8	8	6	8	2	31	288-1	262	1938	2031	4568
≥9	51	31	28	19	15	10	14	7	9	6	7	3	3	4	4	10	174-1	221	1176	1217	4550
≥6	34	26	9	16	7	12	6	7	1	1	4	1		1			84-1	125	471	478	4545
≥3	12	6	7	4	1		1		1								54-1	32	82	82	4545

HOURS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																6	SEA-5	6	1951	4649	4651
≥48																6	SEA-5	6	1949	4647	4650
≥40	2	1									1					14	SEA-3	18	2654	5201	5226
≥34	1	1	1	1	2			1	1	1	1	1	1			31	1896-1	43	3289	5431	5551
≥28	4	3	9	2	5	3	6	1	2	1	3	3	2	3	2	46	1758-1	95	3694	4741	5109
≥24	9	12	4	8	6	7	4	10	3	3	5	4	1	3	1	59	1152-1	139	3564	4300	4969
≥20	9	5	20	12	7	15	14	3	3	3	4	9	1	1	3	64	624-1	173	3098	3615	4773
≥16	21	18	21	12	19	15	7	8	6	5	7	8	6	2	4	49	576-1	208	2551	2833	4694
≥12	36	9	21	11	23	11	11	8	8	5	6	6	2	4		28	354-1	189	1637	1814	4598
≥9	28	21	19	16	10	14	6	6	5	5	4		1	2	1	14	234-1	152	966	1092	4558
≥6	18	21	16	5	7	6	2	3	2	3	1	1	4			3	168-1	92	426	462	4545
≥3	8	4	7	3	1	2			1								54-1	26	75	77	4545

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																6	SEA-5	6	2010	4736	4738
≥48																8	SEA-4	8	2009	4735	4742
≥40							1									13	SEA-3	14	2340	4881	4906
≥34						1	1									19	SEA-1	21	2489	4841	4901
≥28		3	2	1	2	2				1	2	2	1			45	1476-1	61	3355	4764	4969
≥24	3	2	7	5	1	3	2	2	1	2	5	1	5	1	2	65	1278-1	107	3567	4435	4897
≥20	13	12	12	8	8	9	10	8	6	6	6	4	6	3	4	63	690-2	178	3177	3776	4722
≥16	24	28	21	18	16	16	14	10	6	9	5	3	5	3	2	60	414-1	240	2645	2943	4641
≥12	35	38	26	24	21	15	12	8	10	10	5		3	2	6	26	294-2	241	1691	1880	4603
≥9	43	29	27	14	16	12	4	7	3	2	6	7	3	1		10	270-1	184	972	1009	4584
≥6	35	18	7	10	6	1	3	2	2	2	1	2	1		1	1	102-1	92	323	330	4560
≥3	5	2	4	2		2	1							1			84-1	17	62	62	4548

HOURS INTERVAL BETWEEN EVENTS

13 — 50.3N 171.3W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40	2						1		1							13	SEA-4	17	2674	5058	5084
≥34	2		1	1		1	2	1	1							24	SEA-1	33	2829	4753	4852
≥28	5	5	1	3		1	1	1	1	1			1	1	1	51	1554-1	73	3671	4847	5129
≥24	7	3	1	4	7	2	3	2	6		2	3	3	5	4	66	966-1	118	3376	4348	4889
≥20	20	5	9	9	7	4	12	6	9	10	4	2	3	2	4	70	834-1	176	3018	3752	4746
≥16	20	24	22	15	14	14	7	10	11	3	11	4	8	4	10	54	396-1	231	2509	2950	4663
≥12	35	26	20	29	22	12	10	15	3	11	5	8	4	2	2	23	372-1	227	1645	1866	4581
≥9	40	30	21	21	14	8	3	5	4	7	4	2	3	2	5	7	168-1	176	887	978	4557
≥6	35	19	13	9	5	4	6	5	2	1	1	1				1	96-1	102	346	389	4545
≥3	5	4	4	2	1	1											36-1	17	44	45	4545

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4563	4566
≥48																8	SEA-5	8	2438	5022	5038
≥40			1						1			1				19	SEA-2	22	3192	5114	5171
≥34		1			2					1	1	1	1			33	SEA-1	40	3260	4951	5086
≥28	7	2	3	4	2	2		1	2	2	2			2	1	56	1638-1	86	3385	4580	4914
≥24	12	7	4	5	5	6	6	4	4	6		6	4	6	2	68	1002-1	145	3405	4250	4878
≥20	24	10	9	14	12	6	6	14	10	5	5	6	9	5	6	66	618-1	207	3038	3567	4677
≥16	35	29	23	18	17	17	12	8	3	11	5	6	4	10	3	59	414-1	260	2597	2762	4631
≥12	37	36	26	19	7	12	11	11	13	15	9	9	9	7	4	17	222-1	242	1657	1708	4566
≥9	43	32	14	21	17	11	8	8	12	2	4	5			2	6	150-1	185	885	930	4555
≥6	29	25	12	4	5	7	5	2	1		1		1		1		90-1	93	297	305	4545
≥3	3	1	2		3		1	1									48-1	11	41	41	4545

HOURS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4832	4834
≥40		1														9	SEA-5	10	2385	5122	5134
≥34									1					1		20	SEA-1	22	2950	4918	4975
≥28	5	2	1		2		4	2		1	1	1	1		2	53	1266-1	75	3389	4710	4959
≥24	11	2	8	5	6	1	8	1	4	5	2	3	5		2	66	1164-1	129	3119	4115	4665
≥20	13	13	11	11	9	6	3	6	8	6	4	6	8	6	5	69	642-1	184	3178	3680	4640
≥16	38	25	25	19	16	12	14	15	17	9	5	11	5	5	6	57	366-1	279	2722	2921	4593
≥12	45	31	26	16	23	18	10	11	15	7	6	4	8	4	4	29	258-1	257	1822	1947	4561
≥9	35	35	32	26	15	11	6	8	2	5	7	7	5	2	2	8	270-1	208	1117	1163	4554
≥6	28	23	17	11	9	1	4	4	5	3	2	2		1		5	126-1	115	509	517	4546
≥3	6	7	4		3	2					1						66-1	23	70	71	4545

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4565	4565
≥56																5	SEA-5	5	1840	4565	4565
≥48																5	SEA-5	5	1840	4565	4565
≥40																5	SEA-5	5	1840	4565	4565
≥34																5	SEA-5	5	1840	4565	4565
≥28																5	SEA-5	5	1840	4565	4565
≥24																5	SEA-5	5	1840	4565	4565
≥20																5	SEA-5	5	1840	4565	4565
≥16																7	SEA-5	7	2019	4778	4781
≥12	4	1	1	2								1		1		22	1986-1	32	3541	5593	5647
≥9	29	7	4	5	2	7	5	4	7	6	3	5	4	5	5	75	906-1	173	3683	4241	4736
≥6	56	34	25	17	18	21	12	13	11	9	14	10	11	6	9	51	342-1	317	2929	3087	4592
≥3	48	43	54	38	27	24	17	10	14	7	2	6	2	3	4	7	246-1	306	1526	1572	4551

HOURS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																6	SEA-5	6	2052	4778	4779
≥48																7	SEA-5	7	2286	5009	5016
≥40	1						2	1								18	SEA-2	22	3529	5576	5622
≥34	3	1		1	1			2	1	1	1			1	1	28	2010-1	43	3470	5543	5675
≥28	1	5	3	2	1	3	3	2	1	1	2	4	1	3		51	1674-1	83	3331	4711	5034
≥24	11	7	1	5	2	6	4	7	5	6	8			6		61	1284-1	129	[illegible]	4403	5003
≥20	14	10	11	8	6	17	5	8	5	6	7	4	8	6	4	60	1044-1	182	3264	3770	4826
≥16	32	22	27	20	10	14	13	8	4	13	10	3	6	7	3	53	468-1	245	2500	2822	4602
≥12	42	35	23	20	11	14	11	11	5	4	8	8	3	7	2	30	318-1	234	1675	1843	4550
≥9	38	35	18	18	11	7	6	5	7	5	2	8	2	1	3	12	282-1	181	993	1058	4548
≥6	28	18	18	14	6	5	4	4	5	1		1	2	1		3	156-1	106	459	460	4547
≥3	12	11	4	3	1												30-1	29	55	55	4545

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WAVE HEIGHT (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																8	SEA-4	8	2244	4933	4937
≥40		1											1			12	SEA-3	14	2653	5159	5186
≥34	1					1	1		1	1			2	2		23	2040-1	32	2881	4992	5077
≥28	5	1		2	4	2	2	1	3	1	3	2	2	1	1	41	1476-1	71	3416	4742	4997
≥24	1	1	8	5	5	7	5	3	2	4	1	3	2	1	4	63	1290-1	115	3644	4464	4979
≥20	17	14	10	7	12	11	4	8	7	6	7	5	6	2	3	62	1272-1	181	3420	3935	4912
≥16	30	19	26	11	10	11	8	10	8	2	7	7	4	3	3	49	576-1	208	2690	2963	4697
≥12	39	21	17	24	12	9	8	11	10	5	3	5	3	2	2	38	378-1	209	1869	2003	4589
≥9	29	29	18	18	15	6	5	6	10	3	3	5	3	1	1	16	252-1	168	1067	1120	4601
≥6	22	16	10	10	11	9	4	1	1	3	2		1		1	2	102-1	93	391	410	4551
≥3	5	1		1		1											36-1	8	17	27	4545

HOURS INTERVAL BETWEEN EVENTS

S

FALL

2 — 59.4N 172.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

3 — 58.5N 151.6W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																6	SEA-5	6	2188	4912	4914
≥48																6	SEA-5	6	2185	4911	4915
≥40																9	SEA-4	9	2888	5594	5607
≥34					1						2					15	SEA-3	18	3024	5598	5639
≥28		1	1		2	1	2	1				1		1	1	25	2010-1	38	2974	4904	5038
≥24	1	2	2	2	2	3	3	1		2	2	1		1		45	1404-1	67	3624	4591	4900
≥20	8	4	5	5	3	5	1	4	3	2		1	2	3	2	52	1236-1	100	3331	4141	4701
≥16	9	5	4	4	10	6	3	2	5	4	5	1	1	4	4	66	1788-1	133	3393	3897	4823
≥12	23	10	10	13	10	10	8	11	9	5	5	10	9	3	2	60	522-1	198	2753	3072	4609
≥9	35	20	24	19	18	12	13	16	1	8	6	12	9	3	8	15	330-1	249	2202	2308	4570
≥6	45	35	33	31	15	14	11	9	11	6	3	7	3	1	5	9	198-1	238	1245	1305	4551
≥3	36	21	14	15	7	8	5	2	4				1	1	1		90-1	115	392	416	4548

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

6 — 54.9N 167.1W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40									1							11	SEA-4	12	2525	5054	5068
≥34							2	1								16	SEA-3	19	2737	5235	5285
≥28	2	3		1	3		1	1		1			2		1	31	1464-1	46	2848	4737	4872
≥24	5	1	6		2	2	1	1	1	3	1	2			2	52	1314-1	79	3200	4569	4871
≥20	4	11	5	1	2	5	4	6	3	4	3	6	2		1	73	672-1	130	3226	4084	4717
≥16	17	10	8	9	15	10	11	6	6	5	9	2	6	5	7	65	444-1	191	2770	3378	4629
≥12	23	26	16	19	24	15	12	12	6	5	9	2	7	7	3	43	420-1	229	2161	2487	4612
≥9	45	35	23	16	14	19	6	9	9	3	3	8	5	6	4	18	282-1	223	1410	1498	4585
≥6	39	29	19	20	5	7	5	5	3	1	1	3				5	150-1	142	567	615	4548
≥3	14	11	1	4	2							1					72-1	33	77	101	4545

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																6	SEA-5	6	2208	4930	4931
≥56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54-1	32	82	82	4545

HOURS INTERVAL BETWEEN EVENTS

9 — 51.7N 158.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4857	4858
≥48																8	SEA-5	8	2499	5151	5155
≥40																10	SEA-4	10	2519	5170	5183
≥34																11	SEA-3	11	2389	5039	5064
≥28		1			2	1	1	1		1			1			28	SEA-2	36	3101	5134	5229
≥24	6	1	1	1	2		2		1	1				1	2	49	1464-1	67	3350	4841	5068
≥20	6	6	3	2	3	4	1		4	1		3	6		1	62	990-1	102	3362	4293	4750
≥16	13	8	7	6	4	8	7	2	5	3	4	2	3	5	1	73	924-1	151	3253	3777	4695
≥12	19	18	16	13	12	14	6	8	6	9	6	5	7	3	7	60	498-1	209	2733	3007	4656
≥9	31	28	18	13	6	16	12	10	6	6	10	4	8	4	3	39	312-1	214	1996	2189	4601
≥6	32	27	14	16	15	4	6	16	6	7	5	3	4	1	1	18	306-1	175	1156	1202	4589
≥3	27	21	13	7	5	3		3	1	3		3			2		90-2	88	308	324	4555

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84-1	17	62	62	4548

HOURS INTERVAL BETWEEN EVENTS

12 — 50.9N 145.6W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																6	SEA-6	6	2208	4905	4906
≥48				1												6	SEA-5	7	1954	4644	4650
≥40	1		1													12	SEA-2	14	2300	4963	4994
≥34	1	2	1	2	1	1	1			1		1	1			24	1896-1	36	2626	5130	5236
≥28	4	2	6	2	4	3	5	3	1	3	5	1	1	1	1	45	SEA-1	87	3559	4859	5200
≥24	6	9	6	7	8	6	3	4	7	3	3	2		3	2	69	972-1	138	3445	4208	4861
≥20	20	14	12	14	7	9	10	6	10	8	2	3	4	3	9	58	816-1	189	2919	3475	4672
≥16	47	23	23	14	9	8	4	13	7	8	4	5	7	8	6	45	528-1	231	2338	2564	4586
≥12	39	18	11	14	17	10	9	10	7	3	3	3	3	4	3	28	378-1	182	1459	1589	4549
≥9	29	27	19	14	7	6	8	4	1	6	4	4	1	2	4	9	330-1	145	864	905	4552
≥6	18	15	9	11	2	2	2	1	4	2			1	1		2	246-1	70	310	331	4547
≥3	10	3	2	2													24-2	17	30	36	4545

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																8	SEA-5	8	2438	5022	5038
≥40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

15 — 49.0N 128.4W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40	1	1							1							11	SEA-4	14	2439	4998	5012
≥34		1				1		1		1	1		1	1		21	SEA-2	28	2814	5325	5397
≥28	2		1	2	2	2	1	2	2	3	1		1		2	36	1470-1	57	3350	5201	5423
≥24	6	2	3	3	1	5	4	4	1	2	3	1	3	6		46	1170-1	90	3574	4721	5140
≥20	9	8	4	7	6	2	1	6	2	8	2	4		2	1	60	966-1	122	3223	3959	4753
≥16	20	14	15	9	12	4	9	9	5	3	6	3		5	3	55	594-1	172	2901	3379	4733
≥12	26	19	10	14	10	10	6	4	5	6	6	2	2	3	4	49	504-1	176	2166	2487	4666
≥9	21	20	10	9	11	14	7	4	9	3	5	5	3	3	3	29	492-1	156	1509	1659	4574
≥6	28	21	13	13	10	11	5	4	4	4	4	3	2	1	1	8	234-1	132	763	842	4545
≥3	12	8	10	8		2	1	3	3	4					1		90-1	52	215	224	4545

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4565	4565
≥56																5	SEA-5	5	1840	4565	4565
≥48																5	SEA-5	5	1840	4565	4565
≥40																5	SEA-5	5	1840	4565	4565
≥34																5	SEA-5	5	1840	4565	4565
≥28																5	SEA-5	5	1840	4565	4565
≥24																5	SEA-5	5	1840	4565	4565
≥20																5	SEA-5	5	1840	4565	4565
≥16																7	SEA-5	7	2019	4778	4781
≥12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

18 — 45.6N 144.2W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																6	SEA-5	6	1951	4646	4649
≥48				1												6	SEA-5	7	1955	4642	4649
≥40	1															12	SEA-4	13	2574	5336	5374
≥34							1			1		1		1	1	27	SEA-1	33	3326	5244	5338
≥28	5	3	2	3	4	3		4	2	2	1			5	2	48	SEA-1	84	3765	4963	5233
≥24	8	5	7	3	8	6	2	4	3	3	4	1	4	6	3	56	1116-1	123	3412	4410	4985
≥20	13	11	10	13	6	9	6	6	7	7	8	2	6	4	3	58	1020-1	169	3261	3779	4853
≥16	31	24	15	13	8	11	5	9	8	5	10	8	3	2	4	48	432-1	204	2467	2782	4630
≥12	29	15	17	13	17	13	10	12	4	5	5	2	5	2	2	32	390-1	183	1690	1831	4591
≥9	38	19	18	13	9	8	7	6	4	1	4	3	1	3	2	18	216-1	154	1006	1098	4552
≥6	31	15	13	4	6	4	2	1	2	4	2	2	1	3	1	2	192-1	93	424	457	4545
≥3	9	7	2	1	3			1	1			1		1			34-1	26	69	89	4550

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

21 — 43.7N 128.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	[illegible]	[illegible]
≥48																6	SEA-5	6	2127	[illegible]	[illegible]
≥40																10	SEA-5	10	2130	[illegible]	[illegible]
≥34	3	1	2					3								15	SEA-1	24	2747	[illegible]	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27	[illegible]	42	3007	5157	5310
≥24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39	[illegible]	75	3026	4907	5207
≥20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57	1020-1	112	[illegible]	[illegible]	[illegible]
≥16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50	[illegible]	148	[illegible]	[illegible]	[illegible]
≥12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55	[illegible]	175	[illegible]	[illegible]	[illegible]
≥9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	[illegible]	180	[illegible]	1622	4574
≥6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18	[illegible]	131	[illegible]	[illegible]	[illegible]
≥3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	78	302	322	4545

HOURS INTERVAL BETWEEN EVENTS

2

22 42.8N 167.5W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																9	SEA-5	9	2486	4889	4896
≥40								1			1					15	SEA-3	17	2668	5018	5046
≥34				1		1		1	1							22	SEA-1	26	2604	4999	5079
≥28	3	2		1		1	5	3	1	2	1	1	1	2	1	33	1878-1	57	3228	4875	5091
≥24	8	4	3	5	8	4	6	6	1	3	2	3	3	3	4	50	1380-1	113	3558	4519	4982
≥20	11	14	9	7	9	5	10	3	6	3	3	5	2	1	4	60	726-1	152	3085	3782	4708
≥16	20	12	14	11	12	10	9	6	10	8	9	2	6	3	6	50	546-2	188	2580	3078	4625
≥12	30	24	22	20	14	15	11	14	8	5	4	7	2	2		34	534-1	212	1860	2087	4556
≥9	49	27	18	14	9	14	8	8	2	5	3	3	3	1	1	20	234-1	185	1137	1234	4550
≥6	19	32	22	8	8	5	4	5	2		1		1			5	132-1	112	453	470	4545
≥3	13	2	3	3		1											36-1	22	44	52	4545

HOURS INTERVAL BETWEEN EVENTS

23 42.4N 172.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																7	SEA-5	7	2337	4899	4904
≥40															1	12	SEA-3	13	2702	5266	5295
≥34								1					1	1		17	SEA-2	20	3288	5505	5565
≥28	5	4	1				1	2		3		2	1	2		47	SEA-1	68	3511	5024	5229
≥24	5	3	3	7	2	3	6	3	1	2	5	1	4	2	4	59	1326-1	110	3316	4401	4847
≥20	18	18	5	4	15	5	7	4	5	4	9	2	5	5	4	64	1260-1	174	3316	3900	4731
≥16	23	24	11	20	9	12	14	10	5	6	7	4	9	4	5	58	744-1	221	2896	3185	4673
≥12	45	29	33	21	19	10	11	10	8	7	10	7	3	8	3	33	366-1	257	2016	2129	4580
≥9	60	40	30	16	16	12	3	2	8	7	7	4	4	4		15	222-1	228	1193	1250	4548
≥6	38	26	13	9	13	6	9	6	4	1		2	1	1	1	3	126-1	133	543	567	4547
≥3	11	9	5	1	1	2		1	2								54-2	32	91	94	4545

HOURS INTERVAL BETWEEN EVENTS

25 40.2N 131.2E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4565	4565
≥56																5	SEA-5	5	1840	4565	4565
≥48																5	SEA-5	5	1840	4565	4565
≥40																5	SEA-5	5	1840	4565	4565
≥34																5	SEA-5	5	1840	4565	4565
≥28																5	SEA-5	5	1840	4565	4565
≥24																5	SEA-5	5	1840	4565	4565
≥20	1		1													7	SEA-5	9	2419	5286	5294
≥16	1														1	12	SEA-3	14	2926	5120	5157
≥12	2	1	1						1				1		2	25	SEA-1	33	2986	4623	4752
≥9	14	2	6		3	1	6	2	1	2		1		3	1	59	1506-1	101	3315	4327	4712
≥6	32	11	10	6	10	2	11	9	11	9	10	5	6	6	10	67	900-1	215	3200	3567	4583
≥3	45	29	27	20	22	19	11	20	14	7	6	4	4	4	7	39	282-1	278	2116	2282	4551

HOURS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																6	SEA-6	6	2208	4864	4865
≥28		1													1	14	SEA-3	16	3249	5508	5535
≥24													1	1		28	SEA-2	30	3347	4909	5003
≥20	1	2	1	1	1	1			1	3	3		2		1	46	1746-1	63	3539	4536	4762
≥16	5	5	6	1	6	6	8	5	4	1	6	4	3	4	3	74	852-1	141	3356	4080	4682
≥12	20	15	11	16	10	12	6	7	10	7	6	8	5	9	5	65	666-1	212	2897	3358	4600
≥9	39	32	27	28	14	16	12	15	13	9	7	5	3	3	5	44	300-1	272	2272	2476	4580
≥6	55	50	40	25	18	7	10	6	10	4	8	2	7	4	2	11	132-2	259	1254	1326	4558
≥3	19	17	14	11	5	5	3	1	1	2	2	1			1		90-1	82	301	308	4545

HOURS INTERVAL BETWEEN EVENTS

28 36.1N 123.8W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																6	SEA-5	6	2016	4562	4566
≥20	1										1					15	SEA-3	17	2661	4971	4999
≥16	2	3		1	1	2			2		1		1		2	41	1836-1	56	2937	4729	4904
≥12	13	10	8	2	5	4	5	5	2	4	1	3	3	4		46	1038-1	115	2862	4259	4833
≥9	18	12	7	14	4	11	4	8		4	4	3	5	2	3	64	648-1	163	2909	3439	4652
≥6	40	24	13	13	9	9	7	8	5	8	6	4	4	2	5	48	354-1	205	2067	2272	4599
≥3	37	18	14	11	6	5	3	6	6	3	4	1	4	1	4	13	198-1	136	828	882	4581

HOURS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																6	SEA-5	6	2084	4810	4811
≥40								1								7	SEA-5	8	2151	4877	4885
≥34							1									9	SEA-4	10	2198	4705	4722
≥28					1		1	1								17	SEA-3	20	2831	5165	5232
≥24		1	1	1		2	1	1	1	1						26	SEA-1	35	2792	4912	5046
≥20	8	3	3	5	3	4		4	1	1		1	1	2		45	1644-1	81	3268	4609	4924
≥16	17	12	7	6	4	3	5	3	4	4	7	2	3		2	57	1212-1	136	3151	3934	4730
≥12	22	16	19	17	11	6	10	12	4	7	4	7		5	2	54	798-1	196	2628	3059	4631
≥9	30	30	22	25	15	16	12	9	6	3	4	4	3	3	2	45	348-1	229	2000	2129	4593
≥6	42	23	15	18	7	14	15	10	5	4		2		3	3	12	306-1	173	988	1020	4557
≥3	19	11	8	4	4	4	2	3		1	1			1			84-1	58	198	199	4545

HOURS INTERVAL BETWEEN EVENTS

31 35.6N 155.2W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4565	4565
≥56																5	SEA-5	5	1840	4565	4565
≥48																5	SEA-5	5	1840	4565	4565
≥40																5	SEA-5	5	1840	4565	4565
≥34																9	SEA-5	9	2712	5398	5404
≥28	1						2	1	1						1	21	SEA-1	27	2559	4861	4924
≥24	4	1	4	2	1	3	1	1	1		1		2	1	1	25	SEA-1	48	2686	4753	4915
≥20	4	10	3	3	2	4	1	2	3			1	2	2	1	42	1734-1	80	3631	4567	4951
≥16	6	7	3	4	3	15	4	3	2	4	2	3	2	4		54	972-1	116	3291	4052	4848
≥12	22	19	11	14	12	4	9	8	6	6	7	5	5		5	51	762-1	184	2776	3145	4752
≥9	34	20	14	16	13	12	6	9	7	5	4	3	5	4	6	42	444-1	200	1985	2174	4660
≥6	26	24	11	13	14	10	9	4	9	2	3	3	6	5	5	10	246-1	154	1032	1127	4561
≥3	27	1	11	6	2	4	2	3				1				2	120-1	59	207	229	4544

HOURS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																6	SEA-4	6	1895	4620	4622
≥28								1								13	SEA-2	14	2901	5393	5420
≥24			1		1	1	1		1			1				18	SEA-2	24	2932	5442	5518
≥20	6	5	2		1	1	2	1	1	1					1	30	1728-1	51	2955	4970	5180
≥16	8	2	3	5	5	3	2	1	4	2	1	1	1			54	1452-1	92	3417	4561	5054
≥12	17	14	8	7	6	6	5	7	3	5	4	3	1	3	3	68	726-1	160	3227	3747	4815
≥9	23	23	17	13	8	7	9	4	4	7	3	9	1	4	1	58	486-1	191	2443	2813	4692
≥6	37	17	20	15	15	10	6	6	4	3	3	3	8	5	3	33	210-1	188	1518	1696	4619
≥3	24	19	13	6	10	6	5	3	2	5	1	2		2		4	138-1	102	477	494	4557

HOURS INTERVAL BETWEEN EVENTS

34 34.2N 155.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																6	SEA-6	6	2208	4993	5003
≥24																7	SEA-6	7	2362	5079	5095
≥20	1	1														16	SEA-3	18	2617	5103	5146
≥16		1	1	1	3	2	2	1	1					2		36	2016-1	50	2872	4557	4752
≥12	11	4	2	3	4	4	5	1	1	2	2	4	5	2	2	65	1092-1	117	3161	4005	4634
≥9	26	21	14	12	12	8	7	8	11	10	9	10	3	4	5	62	486-1	222	2866	3254	4632
≥6	54	39	24	29	19	16	13	12	7	8	4	4	6	6	2	31	354-1	274	1824	1948	4570
≥3	34	23	14	13	7	6	6	8	4	1	3	3	1	1		3	102-2	127	543	576	4545

HOURS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4700	4702
≥34																5	SEA-5	5	1840	4697	4702
≥28	1															7	SEA-6	8	2316	5180	5193
≥24																11	SEA-4	11	2577	5319	5356
≥20					2					2						21	2034-2	25	3068	5036	5129
≥16	5	1	4	1	2		2			1	2	2	1	1		45	1434-1	67	3450	4567	4850
≥12	15	16	14	11	5	4	5	1	3	2	5	6	2	3	4	63	894-1	159	3211	3859	4677
≥9	32	31	20	16	15	15	12	5	6	9	8	9	4	7		49	516-1	238	2539	2966	4602
≥6	42	27	27	22	23	7	11	5	9	8	4	7	6	4	3	23	228-1	228	1492	1640	4550
≥3	24	26	10	11	3	4	5	3	5	1		2		1		1	96-1	96	357	383	4545

HOURS INTERVAL BETWEEN EVENTS

37 32.9N 119.4W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4564	4564
≥56																5	SEA-5	5	1840	4564	4564
≥48																5	SEA-5	5	1840	4564	4564
≥40																5	SEA-5	5	1840	4564	4564
≥34																5	SEA-5	5	1840	4564	4564
≥28																5	SEA-5	5	1840	4564	4564
≥24																5	SEA-5	5	1840	4564	4564
≥20																5	SEA-5	5	1840	4564	4564
≥16																6	SEA-5	6	2076	4800	4801
≥12			1											1		17	SEA-2	19	3168	5503	5543
≥9	5	2	2		1		1	1	1	1	2	2			1	46	1326-1	65	3069	4754	4953
≥6	14	10	9	7	2	9	6	5	10	1	4	3	2	2	2	65	1050-1	151	3139	4091	4792
≥3	66	22	22	14	14	16	12	9	8	6	6	2	4	3	1	53	468-1	258	2166	2502	4591

HOURS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																7	SEA-5	7	2313	5173	5178
≥20	1					1	1				1					10	SEA-2	14	2126	4925	4961
≥16	1		1			1	2		1					1		23	1920-1	30	2791	5002	5122
≥12	12	4	1	1	1	3	1	3	1	1	3	2		2		51	888-1	86	2912	4289	4727
≥9	6	2	5	7	7	6	5	2	4	4	5	2	4	1	1	63	630-2	124	3097	3762	4716
≥6	18	14	10	9	8	8	8	7	11	3	1	5	3	2	4	54	552-1	165	2331	2691	4607
≥3	27	19	20	8	16	8	12	6	4	4	5	4	4	1	2	18	174-2	158	1079	1180	4557

HOURS INTERVAL BETWEEN EVENTS

40 29.6N 165.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-4	5	1727	4720	4723
≥28							1									6	SEA-4	7	1944	4716	4723
≥24		1		1												9	SEA-2	11	2183	4688	4706
≥20				2	1											17	SEA-1	20	2535	4909	4952
≥16	6	5		2	1	2	2	1		2	1		1	1		32	SEA-1	56	3028	4668	4867
≥12	5	7	5	4	5	1	7	5	1	3	2	1	1	1		52	1296-1	100	3230	4106	4685
≥9	27	16	13	7	12	7	8	3	5	7	2	3	2	4	3	58	546-1	177	2758	3279	4634
≥6	27	18	15	21	10	7	5	13	8	6	7	6	5	2	3	42	318-1	195	1845	1998	4571
≥3	29	11	17	14	8	11	5	3	4	7	1	2				4	132-1	116	539	551	4545

HOURS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28														1		5	SEA-5	6	1854	4580	4581
≥24														1		5	SEA-5	6	1854	4580	4581
≥20														1		8	SEA-5	9	2419	4976	4984
≥16					1				1				1			12	SEA-3	15	2718	5104	5166
≥12	1	3	1	1	1	1		1		1		1	1			27	SEA-1	39	3000	4829	5016
≥9	3	1	2	3	2	4	3	2	1	1	2	2	1		2	52	2070-1	81	3101	4332	4893
≥6	24	13	12	9	7	9	8	5	3	6	6	1	5	4	4	64	510-1	180	2585	3122	4640
≥3	35	23	12	15	13	17	11	4	7	4	4	6	3	5	2	17	228-1	178	1188	1318	4552

HOURS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS (Cont'd)

23 42.4N 172.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																7	SEA-5	7	2337	4899	4904
≥40															1	12	SEA-3	13	2702	5266	5295
≥34								1					1	1		17	SEA-2	20	3288	5505	5565
≥28	5	4	1				1	2		3		2	1	2		47	SEA-1	68	3511	5024	5229
≥24	5	3	3	7	2	3	6	3	1	2	5	1	4	2	4	59	1326-1	110	3316	4401	4847
≥20	18	18	5	4	15	5	7	4	5	4	9	2	5	5	4	64	1260-1	174	3316	3900	4731
≥16	23	24	11	20	9	12	14	10	5	6	7	4	9	4	5	58	744-1	221	2896	3185	4673
≥12	45	29	33	21	19	10	11	10	8	7	10	7	3	8	3	33	366-1	257	2016	2129	4580
≥9	60	40	30	16	16	12	3	2	8	7	7	4	4	4		15	222-1	228	1193	1250	4548
≥6	38	26	13	9	13	6	9	6	4	1		2	1	1	1	3	126-1	133	543	567	4547
≥3	11	9	5	1	1	2		1	2								54-2	32	91	94	4545

HOURS INTERVAL BETWEEN EVENTS

24 41.0N 134.9W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																6	SEA-4	6	1895	4621	4622
≥34		1	1													15	SEA-3	17	2502	5061	5092
≥28	1	2			1	3			1	2	1					24	SEA-1	35	3071	5291	5402
≥24	5	2	3	2	1	2	1	2	2	3	1				2	33	1716-1	59	3195	5093	5348
≥20	9	3	7	3	2	6	4	6	4	1	4		1	2	2	48	1218-1	102	3417	4579	5120
≥16	12	6	7	7	14	6	8	4	6	1	3	1	1	1	3	54	834-1	134	2874	3806	4850
≥12	22	22	19	9	13	11	3	5	6	6	6	5	1	1	1	49	588-1	179	2337	2809	4673
≥9	28	19	19	6	13	3	9	6	6	5	2	6	1	2	3	39	372-1	167	1710	2004	4610
≥6	29	19	11	13	5	4	5	7	8	3	4	3	4	3		23	330-1	141	1195	1279	4609
≥3	21	13	12	4	4	6	4	5	2	2	2		3		1	1	102-1	80	354	378	4545

HOURS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																6	SEA-6	6	2208	4864	4865
≥28		1													1	14	SEA-3	16	3249	5508	5535
≥24													1	1		28	SEA-2	30	3347	4909	5003
≥20	1	2	1	1	1	1			1	3	3		2		1	46	1746-1	63	3539	4536	4762
≥16	5	5	6	1	6	6	8	5	4	1	6	4	3	4	3	74	852-1	141	3356	4080	4682
≥12	20	15	11	16	10	12	6	7	10	7	6	8	5	9	5	65	666-1	212	2897	3358	4600
≥9	39	32	27	28	14	16	12	15	13	9	7	5	3	3	5	44	300-1	272	2272	2476	4580
≥6	55	50	40	25	18	7	10	6	10	4	8	2	7	4	2	11	132-2	259	1254	1326	4558
≥3	19	17	14	11	5	5	3	1	1	2	2	1			1		90-1	82	301	308	4545

HOURS INTERVAL BETWEEN EVENTS

27 36.2N 127.4W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																7	SEA-5	7	2303	4986	4990
≥24																11	SEA-4	11	2643	5127	5150
≥20		2	1	1					1			1				23	1836-1	29	2686	5094	5184
≥16	5	2	3	4	3	1	1	1		2	1	1	1	2	3	38	1446-1	68	2840	4507	4798
≥12	9	8	4	6	3	3	4	3	4	2	3	2	1	5	4	55	792-1	116	2846	3943	4744
≥9	23	17	9	4	11	8	6	9	9	7	4	4	2	3	4	60	594-1	180	2700	3148	4675
≥6	38	25	23	8	9	9	11	11	6	3	2	4	4	3	6	35	306-1	197	1755	1897	4584
≥3	19	18	12	15	8	5	4	3	1	4	5	3	1	2		8	162-1	108	621	682	4545

HOURS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																6	SEA-5	6	2084	4810	4811
≥40								1								7	SEA-5	8	2151	4877	4885
≥34							1									9	SEA-4	10	2198	4705	4722
≥28					1		1	1								17	SEA-3	20	2831	5165	5232
≥24		1	1	1		2	1	1	1	1						26	SEA-1	35	2792	4912	5046
≥20	8	3	3	5	3	4		4	1	1		1	1	2		45	1644-1	81	3268	4609	4924
≥16	17	12	7	6	4	3	5	3	4	4	7	2	3		2	57	1212-1	136	3151	3934	4730
≥12	22	16	19	17	11	6	10	12	4	7	4	7		5	2	54	798-1	196	2628	3059	4631
≥9	30	30	22	25	15	16	12	9	6	3	4	4	3	3	2	45	348-1	229	2000	2129	4593
≥6	42	23	15	18	7	14	15	10	5	4		2		3	3	12	306-1	173	988	1020	4557
≥3	19	11	8	4	4	4	2	3		1	1			1			84-1	58	198	199	4545

HOURS INTERVAL BETWEEN EVENTS

30 35.7N 176.1E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																6	SEA-4	6	1949	4675	4678
≥34						1										6	SEA-4	7	1945	4671	4677
≥28				1								1				14	SEA-3	16	2736	5196	5230
≥24	1		1					1	1							23	SEA-1	27	3214	5240	5331
≥20	1	3	2	1	1	1	1	3	3		1		1			40	2016-1	58	3636	4875	5098
≥16	7	6	7	6	6	2	2	5	3	2	2	4	4	2	3	51	1200-1	112	3517	4335	4879
≥12	18	17	13	11	13	7	4	4	8	2	6	8	8	4	2	51	1032-1	176	2936	3416	4607
≥9	28	34	22	14	12	6	7	9	10	3	6	7	5	2	2	50	546-1	217	2320	2556	4566
≥6	47	45	23	21	14	10	7	9	6	4	1	2	6	3	4	17	294-1	219	1283	1438	4547
≥3	26	16	11	8	5	5	4	2	2	1	3		1			3	132-1	87	352	373	4545

HOURS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																6	SEA-4	6	1895	4620	4622
≥28								1								13	SEA-2	14	2901	5393	5420
≥24			1		1	1	1		1			1				18	SEA-2	24	2932	5442	5518
≥20	6	5	2		1	1	2	1	1	1					1	30	1728-1	51	2955	4970	5180
≥16	8	2	3	5	5	3	2	1	4	2	1	1	1			54	1452-1	92	3417	4561	5054
≥12	17	14	8	7	6	6	5	7	3	5	4	3	1	3	3	68	726-1	160	3227	3747	4815
≥9	23	23	17	13	8	7	9	4	4	7	3	9	1	4	1	58	486-1	191	2443	2813	4692
≥6	37	17	20	15	15	10	6	6	4	3	3	3	8	5	3	33	210-1	188	1518	1696	4619
≥3	24	19	13	6	10	6	5	3	2	5	1	2		2		4	138-1	102	477	494	4557

HOURS INTERVAL BETWEEN EVENTS

33 34.6N 145.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																7	SEA-6	7	2373	5068	5072
≥24																8	SEA-7	8	2740	5362	5371
≥20															1	10	SEA-4	11	2672	5253	5283
≥16	2					1						1	1			29	SEA-1	34	3718	5230	5332
≥12	6	4		3	4	2	1	3	1	4	2	1	3	4	1	59	1518-1	98	3559	4315	4709
≥9	18	5	7	10	7		9	8	11	5	8	3	7	7	2	67	666-1	174	3165	3698	4607
≥6	35	33	19	19	20	17	16	10	12	10	5	6	5	7	4	48	258-1	266	2315	2602	4594
≥3	48	21	23	22	12	10	12	8	10	2	2	3	1		3	6	216-1	183	864	922	4550

HOURS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4700	4702
≥34																5	SEA-5	5	1840	4697	4702
≥28	1															7	SEA-6	8	2316	5180	5193
≥24																11	SEA-4	11	2577	5319	5356
≥20					2					2						21	2034-2	25	3068	5036	5129
≥16	5	1	4	1	2		2			1	2	2	1	1		45	1434-1	67	3450	4567	4850
≥12	15	16	14	11	5	4	5	1	3	2	5	6	2	3	4	63	894-1	159	3211	3859	4677
≥9	32	31	20	16	15	15	12	5	6	9	8	9	4	7		49	516-1	238	2539	2966	4602
≥6	42	27	27	22	23	7	11	5	9	8	4	7	6	4	3	23	228-1	228	1492	1640	4550
≥3	24	26	10	11	3	4	5	3	5	1		2		1		1	96-1	96	357	383	4545

HOURS INTERVAL BETWEEN EVENTS

36 33.7N 123.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4566	4566
≥20																5	SEA-5	5	1840	4566	4566
≥16	1															12	SEA-6	13	2205	5619	5632
≥12	3	3			1	1		1								37	1644-1	46	2993	4764	4893
≥9	6		2	2	1	1	1	4		3	1	2		2	1	71	1308-1	97	3416	4329	4712
≥6	14	11	3	6	7	6	7	10	7	5	5	6	4	13	10	66	522-1	180	3020	3617	4644
≥3	43	25	25	21	21	21	12	19	12	14	10	10	7	4	3	27	240-1	274	1978	2153	4573

HOURS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																7	SEA-5	7	2313	5173	5178
≥20	1					1	1				1					10	SEA-2	14	2126	4925	4961
≥16	1		1			1	2		1					1		23	1920-1	30	2791	5002	5122
≥12	12	4	1	1	1	3	1	3	1	1	3	2		2		51	[illegible]-1	86	2912	4289	4727
≥9	6	2	5	7	7	6	5	2	4	4	5	2	4	1	1	63	630-2	124	3097	3762	4716
≥6	18	14	10	9	8	8	8	7	11	3	1	5	3	2	4	54	552-1	165	2331	2691	4607
≥3	27	19	20	8	16	8	12	6	4	4	5	4	4	1	2	18	174-2	158	1079	1180	4557

HOURS INTERVAL BETWEEN EVENTS

39 29.9N 177.3W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																6	SEA-5	6	2093	[illegible]	[illegible]
≥28					1		1									8	SEA-5	10	2218	[illegible]	[illegible]
≥24				2												10	SEA-3	12	2199	[illegible]	[illegible]
≥20			2													17	2202-1	19	2851	5176	[illegible]
≥16	2	1	1	1	1	1	1			1	1					31	[illegible]-1	41	3125	[illegible]	5074
≥12	9	12	5	4	4	3	7	3	2	3	2	1	3	2	1	54	1200-1	115	3342	4183	4726
≥9	22	11	14	5	11	7	5	6	5	7	4	7	5	2	4	63	762-1	178	2935	3292	4621
≥6	29	22	22	15	14	6	5	8	11	9	5	4	3	10	3	39	444-1	205	1997	2132	4581
≥3	30	19	12	9	13	5	5	5	6	3	3	3	1	2	2	4	132-1	122	608	[illegible]	4551

HOURS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28														1		5	SEA-5	6	1854	4580	4581
≥24														1		5	SEA-5	6	1854	4580	4581
≥20														1		8	SEA-5	9	2419	4976	4984
≥16					1				1				1			12	SEA-3	15	2718	5105	5166
≥12	1	3	1	1	1	1		1		1		1	1			27	SEA-1	39	3000	4829	5016
≥9	3	1	2	3	2	4	1	2	1	1	2	2	1		2	52	2070-1	81	3301	4332	4893
≥6	24	13	12	9	7	9	8	5	3	6	6	1	5	4	4	64	510-1	180	2585	3122	4640
≥3	35	23	12	15	13	17	11	4	7	4	4	6	3	5	2	17	228-1	178	1188	1218	4552

HOURS INTERVAL BETWEEN EVENTS

42 28.6N 139.2W

Wave height (ft)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	[illegible]	[illegible]	[illegible]
≥48																5	SEA-5	5	[illegible]	[illegible]	[illegible]
≥40																5	SEA-5	5	[illegible]	[illegible]	[illegible]
≥34																5	SEA-5	5	[illegible]	[illegible]	[illegible]
≥28																5	SEA-5	5	[illegible]	[illegible]	[illegible]
≥24																[illegible]	SEA-4	[illegible]	[illegible]	[illegible]	[illegible]
≥20																[illegible]	SEA-4	[illegible]	[illegible]	[illegible]	[illegible]
≥16	2		1												1	[illegible]	SEA-1	[illegible]	[illegible]	[illegible]	[illegible]
≥12	4	3	4	1	1		1	1	1	1		2				47	[illegible]	70	[illegible]	[illegible]	[illegible]
≥9	6	7	9	4	3	5	6	2	4	1	1	2	1	4	2	58	[illegible]	115	[illegible]	[illegible]	[illegible]
≥6	26	28	15	12	13	9	9	4	9	5	2	9	4	4	4	50	[illegible]	203	[illegible]	[illegible]	[illegible]
≥3	32	24	15	12	15	5	6		5	4	2	4	2	7	1	[illegible]	[illegible]	142	795	[illegible]	4552

HOURS INTERVAL BETWEEN EVENTS

4

WAVE HEIGHT INTERVALS (Cont'd)

43 — 28.2N 125.9E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																8	SEA-3	8	2219	4945	4948
≥20	1					1							1			17	SEA-3	20	3238	5291	5330
≥16	1	5			1	1	1		1		1					34	1314-1	45	3150	5061	5235
≥12	7	4	4		1	3	5	1	2		1	1	1	3	4	55	1314-1	92	3103	4173	4687
≥9	16	11	10	6	6	4	3	5	9	1	5	9	3	8	3	56	1308-1	155	2829	3495	4633
≥6	37	19	9	13	8	8	13	14	6	8	13	4		5	2	38	948-1	197	2028	2374	4604
≥3	43	15	10	8	15	9	9	9	4	4	4	1	1	1		13	450-1	146	899	983	4545

HOURS INTERVAL BETWEEN EVENTS

44 — 27.9N 150.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4565	4566
≥20																10	SEA-7	10	2834	5344	5360
≥16			1		1											13	SEA-3	15	2931	5263	5310
≥12	1	1	1		1			2			1	1				33	SEA-1	41	3543	5113	5273
≥9	14	1	3	1	4	2	2	1	3	1	2	2		4		48	1512-1	88	3163	4175	4682
≥6	31	15	11	11	16	4	12	8	5	7	2	6	6	3	5	63	462-1	205	2733	3076	4602
≥3	32	28	20	18	16	9	6	9	7	6	7	2	4	2	1	12	192-1	179	1030	1097	4557

HOURS INTERVAL BETWEEN EVENTS

46 — 26.1N 170.8E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4698	4702
≥20									1							7	SEA-5	8	2373	5036	5050
≥16		1	1		1		1									11	SEA-4	15	2790	4989	5049
≥12	1	1	1	2			1	1		1		1	1			31	1890-1	41	3560	4940	5183
≥9	11	6	5	3	2	2	3	3	1	1	4	3		2	4	55	1026-1	105	3175	4079	4823
≥6	16	15	19	9	10	3	13	4	7	5	5	4	3	4	1	58	498-1	176	2497	2726	4623
≥3	33	22	16	13	13	10	11	4	5	3	3	2	5	3	1	9	228-1	153	872	918	4570

HOURS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4566	4566
≥20																5	SEA-5	5	1840	4566	4566
≥16																6	SEA-5	6	1866	4565	4566
≥12	2						1									12	SEA-3	15	2128	4809	4856
≥9	2				1		2	2	1	1			2	1		24	2046-1	36	2891	4850	5039
≥6	16	4	6	9	5	2	5	6		4	2	1	4	3	1	58	960-1	126	3248	3983	4770
≥3	56	22	19	15	19	16	10	10	10	7	3	4	4	4	2	24	240-1	225	1601	1726	4545

HOURS INTERVAL BETWEEN EVENTS

49 — 22.6N 128.0E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																7	SEA-5	7	2127	4714	4718
≥28		1		1												8	SEA-5	10	2361	4942	4953
≥24	2															11	SEA-4	13	2739	5454	5484
≥20	2															18	SEA-4	20	2848	5441	5520
≥16	8	2	1	1					1		1		2	1	1	39	SEA-2	57	3919	5588	5841
≥12	18	8	6	3	3	4	7	2	2	4	5	1		3	2	65	1242-1	133	3166	3983	4866
≥9	30	15	7	8	7	4	5	8	13	5	5	5	4	3	3	48	678-1	170	2294	2677	4633
≥6	31	10	21	6	8	2	3	5	6	3	5	3	2	3		20	378-1	128	1060	1221	4549
≥3	8	7	4	5	4	2	2	1	2	3	2	2	1	2		2	132-1	47	281	297	4545

HOURS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4566	4566
≥20																6	SEA-5	6	2099	4956	4963
≥16						1	1									10	SEA-4	12	2637	5163	5189
≥12	3		1		1				1							25	SEA-1	31	3299	5047	5165
≥9	8	6	2	4	1	1		1	1		1	1		1	1	53	1482-1	81	3246	4422	4789
≥6	51	16	15	12	7	11	7	8	5	5	9	2	6	5	4	60	726-1	223	2882	3278	4610
≥3	51	20	19	16	9	5	8	7	4	6	2	4		3	5	18	186-1	177	1053	1112	4557

HOURS INTERVAL BETWEEN EVENTS

52 — 19.2N 127.8W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																6	SEA-5	6	1989	4713	4716
≥20														1		7	SEA-6	8	2370	5007	5024
≥16	1	1		1	1	1										14	SEA-6	19	3249	5352	5411
≥12	4	2	2	2	2		1				1		2			31	2100-1	47	4099	5635	5871
≥9	11	6	4	6	3	2	2	3	1	2	3	2	2	2	2	56	1998-1	107	3560	4316	5006
≥6	39	22	25	17	14	10	14	4	10	4	8	10	7	8	5	38	546-1	235	2318	2480	4552
≥3	43	15	16	14	7	7	3	4	4	1	1	1	2			1	144-1	119	426	436	4545

HOURS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																7	SEA-5	7	1918	4644	4647
≥34	1														1	13	SEA-5	15	2458	5061	5083
≥28	2	2						1							1	22	SEA-5	28	4209	6012	6101
≥24	4	4	1	1			1					1	1	2		35	SEA-2	50	3403	4965	5161
≥20	13	3		4	1	1		1	2	2	2	2	1	1	2	47	SEA-1	82	3502	4818	5264
≥16	14	10	3	5	3	4	2	7	2	3	4	1	4	2	3	49	1236-1	136	2924	3936	4774
≥12	33	18	9	8	3	6	9	6	6	5	3	5	8	2	4	51	726-1	176	2628	2954	4640
≥9	33	13	14	15	6	5	4	5	8	4	6	4	2	6	3	32	552-1	160	1684	1859	4589
≥6	31	12	11	8	7	3	8		4	2	3	1	2	2	4	14	324-1	112	858	891	4545
≥3	16	5	8	5	2	3		1	1				4	1	1	2	120-1	49	233	248	4545

HOURS INTERVAL BETWEEN EVENTS

55 — 17.6N 138.5E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40			1													6	SEA-5	7	2043	4769	4771
≥34																6	SEA-5	6	2040	4766	4773
≥28		1														6	SEA-5	7	2041	4766	4776
≥24	1															11	SEA-4	12	2536	5109	5134
≥20	3	1					1					1		1		19	SEA-2	26	3162	5131	5210
≥16	8	2	1	1	3							1	1	1		27	SEA-3	45	3463	5209	5416
≥12	8	4	2	4	1	3			2	3	1		1	1	1	51	1344-1	82	3307	4426	4926
≥9	21	11	9	2	8	6	6	7	7	7		4	3	2	1	54	1254-1	148	2673	3348	4663
≥6	27	12	14	7	8	8	7	6	3	7	6	7	3	2	3	35	354-1	155	1647	1859	4564
≥3	23	12	5	6	3	5	4	7	3	1		2	1		2	5	294-1	79	474	505	4550

HOURS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4566	4566
≥20																5	SEA-5	5	1840	4566	4566
≥16																6	SEA-5	6	1933	4659	4661
≥12					1											8	SEA-5	9	2303	5023	5033
≥9	3	3			1										1	20	SEA-3	28	3051	5054	5122
≥6	12	3	4	5	1	5	5	1	1	1	1	1			1	37	1938-1	78	3288	4566	4912
≥3	53	26	25	11	14	7	8	5	7	8	6	7	6	6	3	49	486-1	241	2537	2706	4601

HOURS INTERVAL BETWEEN EVENTS

58 — 14.5N 127.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																4	SEA-4	4	1472	4562	4562
≥56																4	SEA-4	4	1472	4562	4562
≥48																4	SEA-4	4	1472	4562	4562
≥40																4	SEA-4	4	1472	4562	4562
≥34																5	SEA-4	5	1490	4580	4582
≥28	1															9	SEA-4	10	2117	4993	5010
≥24	1															14	SEA-3	15	2271	4985	5030
≥20		1														21	SEA-1	22	2853	5275	5392
≥16	2	3	2			2				1			1		1	35	1326-1	47	2774	4565	4841
≥12	11	4	3	2	4	3	3	1	3	4	2	4	7	1	3	50	SEA-1	105	3163	5160	4990
≥9	9	6	4	1	5	7	7	3	1	3	4	4	3	1	4	40	840-1	102	2239	2907	4621
≥6	24	4	5	5	9	6	12	4	6	4	3	6	3	4	1	27	708-1	123	1541	1736	4583
≥3	18	10	6	7	4	3	1	1	2	4	2	2	2	2	1	4	222-1	69	414	466	4541

HOURS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4566	4566
≥20																5	SEA-5	5	1840	4566	4566
≥16																5	SEA-5	5	1840	4566	4566
≥12		1	1								2					13	SEA-4	17	2901	5516	5559
≥9	2	6	3	4	1		2	1	1	2	3		2	1		36	2028-1	64	3634	4935	5278
≥6	42	14	13	2	6	7	5	1	11	3	2	4	7	3	4	47	810-1	171	2516	3072	4697
≥3	36	16	9	8	9	5	6	6	2		1	1	1	3	2	13	204-1	118	717	803	4548

HOURS INTERVAL BETWEEN EVENTS

61 — 12.0N 156.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																6	SEA-5	6	2070	4798	4800
≥20																6	SEA-5	6	2067	4793	4802
≥16																6	SEA-5	6	2066	4792	4804
≥12		2							1		1					16	SEA-2	20	2683	4838	[illegible]
≥9	7	1	3	1	1	3	2			1	1	2	1		1	52	1134-2	80	3314	4455	4993
≥6	43	11	9	13	13	3	4	1	7	4	8	2	3	3	5	37	870-1	166	2045	2469	4608
≥3	22	12	7	6	4	6	4	1	3	1	2	2	3		2	6	204-1	81	479	569	4547

HOURS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																7	SEA-5	7	2193	5219	5226
≥20	1							1								10	SEA-3	12	2231	[illegible]	[illegible]
≥16	1	1		1					1			1				25	[illegible]	30	[illegible]	4783	[illegible]
≥12	3	2	1	2	2	5		1			1	1			2	35	[illegible]	55	[illegible]	[illegible]	[illegible]
≥9	5	4	1	1	4	4	4	4	2	2	3	2	1	3	1	43	1290-2	84	2553	[illegible]	[illegible]
≥6	14	7	7	7	3	3	5	2	1	5	3	1	2	3	3	33	[illegible]	97	1875	[illegible]	[illegible]
≥3	12	8	4	3	7	2	3	2	4	1	1	3	2	1	3	24	366-1	80	1062	1309	4545

HOURS INTERVAL BETWEEN EVENTS

(Cont'd) FALL

HOURS INTERVAL BETWEEN EVENTS

44 — 27.9N 150.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4565	4566
≥20																10	SEA-7	10	2834	5344	5360
≥16			1		1											13	SEA-3	15	2931	5263	5310
≥12	1	1	1		1			2			1	1				33	SEA-1	41	3543	5113	5273
≥9	14	1	3	1	4	2	2	1	3	1	2	2		4		48	1512-1	88	3163	4175	4682
≥6	31	15	11	11	16	4	12	8	5	7	2	6	6	3	5	63	462-1	205	2733	3076	4602
≥3	32	28	20	18	16	9	6	9	7	6	7	2	4	2	1	12	192-1	179	1030	1097	4557

45 — 27.8N 145.6W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																6	SEA-5	6	2128	4854	4855
≥20																9	SEA-5	9	2595	5167	5189
≥16	1	1		2	1	1	1							1		25	SEA-1	34	3188	5009	5146
≥12	2	9							3	2	3		1	1	1	22	1590-1	89	3048	4455	4922
≥9	14	8	13	8	6	2	6	6	4	6	8	5	4	4	1	67	660-1	162	3068	3744	4811
≥6	33	18	7	12	16	9	10	7	11	7	5	5	9	4	2	39	576-1	204	2013	2380	4613
≥3	31	23	18	18	11	9	5	2	5	3	2	3	1		1	7	192-1	139	675	700	4562

47 — 25.0N 119.4W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4566	4566
≥20																5	SEA-5	5	1840	4566	4566
≥16																6	SEA-5	6	1866	4565	4566
≥12	2						1									12	SEA-3	15	2128	4809	4856
≥9	2				1		2	2	1	1			2	1		24	2046-1	36	2891	4850	5039
≥6	16	4	6	9	5	2	5	6		4	2	1	4	3	1	58	960-1	126	3248	3983	4770
≥3	56	22	19	15	19	16	10	10	10	7	3	4	4	4	2	24	240-1	225	1601	1726	4545

48 — 23.5N 151.8W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																8	SEA-4	9	2169	4720	4728
≥20							1		1							9	SEA-4	11	2242	4604	4626
≥16						1	1		1							15	SEA-3	18	2751	4939	5002
≥12	2			2	1			2	2	2	1				1	44	1482-1	58	2325	4592	4870
≥9	8	10	8	10	4	5	3	7	6	1	2	1	8	1	5	56	1344-1	135	2934	3790	4643
≥6	27	15	15	12	10	7	5	6	7	8	7	7	5	1	3	43	528-1	176	2042	2502	4584
≥3	34	16	10	11	13	1	5	2	5	6	1	4	4	1	2	8	204-1	123	694	749	4545

50 — 21.7N 162.7W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4566	4566
≥20																6	SEA-4	6	2099	4556	4563
≥16							1	1								10	SEA-4	12	2537	5116	5189
≥12	3					1				1						25	SEA-1	31	3299	5047	5165
≥9	8	6	2	4	1	1										53	1482-1	81	3246	4422	4789
≥6	51	16	15	12	7	11	7	8	5	5	9	2	6	5	4	60	726-1	223	2882	3278	4610
≥3	51	20	19	16	9	5	8	7	4	6	2	4		3	5	18	186-1	177	1053	1112	4557

51 — 20.5N 177.1W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																7	SEA-5	7	2373	5096	5102
≥20																7	SEA-4	7	2152	4872	4888
≥16							1									10	SEA-3	11	2334	5136	5180
≥12	1	3			1	1						1	1	2		27	SEA-1	37	2992	4668	4824
≥9	2	5	3	2	1	5	2	1	5	1	1	4	2	2	2	60	984-1	97	3186	4023	4704
≥6	36	17	5	8	5	3	9	11	4	1	6	5	3	7	2	56	414-1	178	2348	2717	4635
≥3	28	14	17	16	11	4	3	2	1	3	2	3	3	1	2	7	138-1	115	569	611	4548

53 — 18.5N 120.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																7	SEA-5	7	1918	4644	4647
≥34	1													1	1	13	SEA-5	15	2458	5061	5083
≥28	2	2													1	22	SEA-5	28	4209	6012	6101
≥24	4	4	1	1			1					1	1		2	42	SEA-2	[illegible]	3403	4965	5161
≥20	13	3		4	1		1		1	2	2	2	2	2	1	47	SEA-2	83	3520	4818	5264
≥16	14	10	3	5	3	4	2	7	2	3	4	1	4	2	4	49	1236-1	116	2924	3938	4724
≥12	33	18	9	8	3	6	9	6	6	5	3	5	8	2	4	51	726-1	176	2678	2954	4640
≥9	33	13	14	15	6	5	4	5	8	4	6	4	2	6	3	32	552-1	160	1684	1859	4589
≥6	31	12	8	2	3	8			4	2	3			2	4	14	324-1	112	858	891	4566
≥3	16	5	8	5	2									4	1	7	120-1	49	233	248	4545

54 — 18.2N 168.8E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																6	SEA-6	6	2208	4753	4755
≥34	1															6	SEA-6	7	2209	4754	4757
≥28																6	SEA-6	6	2208	4752	4758
≥24																7	SEA-6	[illegible]	2553	5091	5109
≥20																12	SEA-4	12	2939	5394	5433
≥16																18	SEA-1	18	2787	5165	5257
≥12	4	3	4		2		1		1				1	3	2	32	1632-1	53	3258	4923	5280
≥9	9	7	6	3	2	6	2	5		7	1	3		1	3	53	1050-1	108	3229	4006	4973
≥6	32	11	10	9	10	10	8	3	6	3	6	3	4	3	3	46	714-1	167	2073	2325	4717
≥3	25	8	8	6	4	4	3	5	2	2	4	2	5	2	2	3	132-2	85	485	504	4545

56 — 17.6N 111.5W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4566	4566
≥20																5	SEA-5	5	1840	4566	4566
≥16																6	SEA-5	6	1733	4659	4661
≥12					1											8	SEA-5	9	2303	5023	5033
≥9	3	3			1										1	20	SEA-3	28	3051	5054	5122
≥6	12	3	4	5	1	3	3	1	1	1	1	1			1	37	1938-1	78	3288	4566	4912
≥3	53	26	25	11	14	7	8	5	7	8	6	7	6	6	3	49	486-1	241	2537	2706	4601

57 — 14.9N 147.9E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24			1													6	SEA-5	7	2070	4794	4801
≥20	1															7	SEA-5	8	2162	4857	4886
≥16	3			1				1							1	14	SEA-3	20	2417	4815	4870
≥12	3	1	4	2	1	2	2	1		3	2	2	2		2	35	1950-1	62	3077	4697	4935
≥9	20	7	10	8	7	5	7	2	3	3	5	1	5	1	1	47	1176-1	132	2784	3794	4683
≥6	29	15	18	11	8	13	7	9	4	5	1	2	2	4	2	36	876-1	166	1966	2287	4606
≥3	34	11	9	6	11	4	4	4	3	1	3	1		2		9	180-1	102	542	587	4548

59 — 14.0N 160.6W

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4566	4566
≥20																5	SEA-5	5	1840	4566	4566
≥16																5	SEA-5	5	1840	4566	4566
≥12		1	1								2					13	SEA-4	17	2901	5516	5559
≥9	2	6	3	4	1		2	1	1	2	3		2	1		36	2028-1	64	3634	4935	5278
≥6	42	14	13	2	6	7	5	1	11	3	2	4	7	3	4	47	810-1	171	2516	3072	4697
≥3	38	16	9	8	9	5	6	6	2		1	1	1	3	2	13	204-1	118	717	803	4548

60 — 12.2N 112.6E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34	1															6	SEA-5	7	2181	4907	4911
≥28	1										1					10	SEA-4	12	3000	5285	5324
≥24	3				1											17	SEA-2	21	3114	5109	5202
≥20	3			1		2	1	1			1	1	1		1	32	SEA-1	44	2905	4667	4936
≥16	4	3	5	2	2	2	3	2	1	2	2	1	1	1		40	1356-1	71	2949	4330	4944
≥12	12	5	3	3	3	1	5	3	3	2	3	4		1	2	43	1356-1	94	2559	3460	4474
≥9	15	4	5	1	9	7	3	5	2	4	2	4	5	4	3	37	840-1	110	2136	2661	4609
≥6	22	14	10	3	4	2	5	4	3	3	3	3	2	1	2	32	420-1	113	1397	1596	4552
≥3	16	4	5	3	6		1	7	4	3	3		1			12	276-1	65	573	700	4545

62 — 4.1N 106.7E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																7	SEA-5	7	2493	5219	5224
≥20	1							1								10	SEA-3	12	2231	4832	[illegible]
≥16	1	1		1					1			1				25	[illegible]	30	2606	4763	4958
≥12	3	2	1	2	2	5		1			1	3			2	35	[illegible]	55	2867	4728	4859
≥9	5	4	1	1	4	4	4	4	2	2	3	2	1	3	1	43	1290-2	84	2553	3431	4589
≥6	14	7	7	2	3	3	5	2	1	5	3	1	2	1	1	33	780-1	97	1875	2424	4581
≥3	12	8	4	3	7	2	3	2	4	1	1	3	2	1	3	24	366-1	80	1062	1309	4545

63 — 2.1N 123.6E

WAVE HEIGHT ft	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																5	SEA-5	5	1840	4566	4566
≥56																5	SEA-5	5	1840	4566	4566
≥48																5	SEA-5	5	1840	4566	4566
≥40																5	SEA-5	5	1840	4566	4566
≥34																5	SEA-5	5	1840	4566	4566
≥28																5	SEA-5	5	1840	4566	4566
≥24																5	SEA-5	5	1840	4566	4566
≥20																5	SEA-5	5	1840	4566	4566
≥16																6	SEA-4	6	2003	[illegible]	[illegible]
≥12					1	1										12	SEA-2	14	[illegible]	[illegible]	[illegible]
≥9	2	1		2						1		1				20	SEA-3	27	3160	[illegible]	[illegible]
≥6	2	3	1	3	1			1	3	2	1	1	1	1	1	36	1662-1	57	2761	[illegible]	[illegible]
≥3	18	10	8	8	8	2	4	3	2	1	5	3	3	5	1	33	[illegible]	116	2122	[illegible]	[illegible]

2

ANNUAL WAV

1 — 64.0N 166.7W

WAVE HEIGHT ≥64, ≥56, ≥48, ≥40, ≥34, ≥28, ≥24, ≥20, ≥16, ≥12, ≥9, ≥6, ≥3

.25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞ MAX TE T T* TH

DAYS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

DAYS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

DAYS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

DAYS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

DAYS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

DAYS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

DAYS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

DAYS INTERVAL BETWEEN EVENTS

13 — 50.3N 171.3W

DAYS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

DAYS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

DAYS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

DAYS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

DAYS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

DAYS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS

2 59.4N 172.0W

WAVE HEIGHT (FT): >64, >56, >48, >40, >34, >28, >24, >20, >16, >12, >9, >6, >3

DAYS INTERVAL BETWEEN EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞ MAX TE T Te TH

3 58.5N 151.6W

DAYS INTERVAL BETWEEN EVENTS

5 56.8N 141.9W

DAYS INTERVAL BETWEEN EVENTS

6 54.9N 167.1W

DAYS INTERVAL BETWEEN EVENTS

8 52.0N 172.9E

DAYS INTERVAL BETWEEN EVENTS

9 51.7N 158.8E

DAYS INTERVAL BETWEEN EVENTS

11 51.3N 158.6W

DAYS INTERVAL BETWEEN EVENTS

12 50.9N 145.6W

DAYS INTERVAL BETWEEN EVENTS

14 49.3N 174.1E

DAYS INTERVAL BETWEEN EVENTS

15 49.0N 128.4W

DAYS INTERVAL BETWEEN EVENTS

17 45.8N 139.3E

DAYS INTERVAL BETWEEN EVENTS

18 45.6N 144.2W

DAYS INTERVAL BETWEEN EVENTS

20 44.2N 152.7W

DAYS INTERVAL BETWEEN EVENTS

21 43.7N 128.7W

DAYS INTERVAL BETWEEN EVENTS

4

WAVE HEIGHT INTERVALS (Cont'd)

22 — 42.8N 167.5W

Wave height	MAX	TE	T	T•	TH
>64				17219	17219
>56				17219	17219
>48	34.25-1	1	137	17212	17219
>40	51.25-1	14	969	17168	17219
>34	264.00-1	39	3284	17054	17219
>28	208.75-1	130	6973	16678	17219
>24	186.75-1	258	8761	16021	17219
>20	71.00-1	389	9235	14778	17219
>16	96.25-1	534	10458	12953	17219
>12	70.50-1	663	8832	9835	17219
>9	62.50-1	619	6455	6900	17219
>6	20.25-1	486	3603	3792	17219
>3	10.00-1	209	1112	1176	17219

.25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞ — DAYS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

Wave height	MAX	TE	T	T•	TH
>64				17218	17218
>56	64.75-1	1	259	17217	17218
>48	42.00-1	3	268	17193	17218
>40	54.25-1	18	1224	17115	17218
>34	115.25-1	36	2540	17008	17218
>28	182.75-1	150	7277	16615	17218
>24	182.50-1	263	8584	16010	17218
>20	186.00-1	451	10653	14958	17218
>16	138.25-1	605	10651	13114	17218
>12	122.25-1	712	9111	10249	17218
>9	68.50-1	717	6965	7480	17218
>6	15.25-1	598	4286	4483	17218
>3	6.25-1	303	1403	1425	17218

DAYS INTERVAL BETWEEN EVENTS

25 — 40.2N 131.2E

Wave height	MAX	TE	T	T•	TH
>64				17218	17218
>56				17218	17218
>48				17218	17218
>40				17218	17218
>34				17218	17218
>28				17217	17218
>24	0.75-1	1	3	17216	17218
>20	154.25-1	7	1190	17184	17218
>16	146.00-1	30	2335	17074	17218
>12	145.50-1	97	4975	16688	17218
>9	147.00-1	265	9557	15831	17218
>6	100.25-1	572	11683	13836	17218
>3	35.50-1	906	9065	9738	17218

DAYS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

Wave height	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17217	17220
>40	4.75-1	2	20	17209	17220
>34	54.75-1	12	726	17171	17220
>28	79.50-1	45	2946	17021	17220
>24	157.25-1	111	7053	16756	17220
>20	153.75-1	222	9372	16178	17220
>16	140.00-1	433	10797	14947	17220
>12	110.25-1	631	10438	12812	17220
>9	64.00-1	771	8707	10043	17220
>6	28.00-1	761	6012	6368	17220
>3	10.50-1	392	2225	2285	17220

DAYS INTERVAL BETWEEN EVENTS

28 — 36.1N 123.8W

Wave height	MAX	TE	T	T•	TH
>64				17219	17219
>56				17219	17219
>48				17219	17219
>40				17219	17219
>34				17219	17219
>28				17216	17219
>24	73.25-1	4	470	17204	17219
>20	81.75-1	29	2633	17104	17219
>16	151.50-1	153	8221	16669	17219
>12	59.75-1	415	11197	15267	17219
>9	54.25-1	732	10820	12111	17219
>6	25.00-1	769	6682	7195	17219
>3	8.25-1	373	1992	2108	17219

DAYS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

Wave height	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17219	17220
>40	14.75-1	2	67	17211	17220
>34	51.00-1	8	598	17177	17220
>28	54.50-1	37	2582	17047	17220
>24	67.25-1	85	3930	16836	17220
>20	179.50-1	200	6334	16303	17220
>16	140.00-1	333	8438	15164	17220
>12	126.25-1	487	9531	12990	17220
>9	99.00-1	599	8686	10592	17220
>6	44.75-1	616	6156	7322	17220
>3	20.00-1	413	2820	3044	17220

DAYS INTERVAL BETWEEN EVENTS

31 — 35.6N 155.2W

Wave height	MAX	TE	T	T•	TH
>64				17218	17218
>56				17218	17218
>48				17218	17218
>40	15.75-1	1	63	17214	17218
>34	75.50-1	7	492	17188	17218
>28	68.50-1	51	2269	17038	17218
>24	195.75-1	95	3932	16783	17218
>20	188.25-1	176	7899	16235	17218
>16	180.50-1	295	8753	15139	17218
>12	151.25-1	446	9429	13142	17218
>9	104.75-1	733	8854	10760	17218
>6	77.00-1	550	6618	7541	17218
>3	35.00-1	399	3164	3392	17218

DAYS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

Wave height	MAX	TE	T	T•	TH
>64				17219	17219
>56				17219	17219
>48				17219	17219
>40				17219	17219
>34	68.00-1	3	392	17208	17219
>28	227.75-1	18	3078	17146	17219
>24	224.00-1	46	3576	17013	17219
>20	209.50-1	113	4876	16672	17219
>16	151.00-1	201	6422	15929	17219
>12	148.25-1	351	8994	14515	17219
>9	132.50-1	466	9702	12563	17219
>6	92.25-1	558	8319	9292	17219
>3	31.75-1	542	4594	4836	17219

DAYS INTERVAL BETWEEN EVENTS

34 — 34.2N 155.1E

Wave height	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17219	17220
>40				17219	17220
>34	2.00-1	1	8	17214	17220
>28	5.75-1	4	44	17176	17220
>24	233.75-1	30	2471	17070	17220
>20	228.75-1	79	5551	16837	17220
>16	195.75-1	199	8512	16171	17220
>12	145.00-1	410	10593	14571	17220
>9	122.50-1	633	9687	12141	17220
>6	65.75-1	723	7516	8320	17220
>3	15.00-1	504	3380	3456	17220

DAYS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

Wave height	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17219	17220
>40	57.00-1	1	228	17213	17220
>34	56.25-1	1	225	17203	17220
>28	49.50-1	11	670	17154	17220
>24	67.25-1	42	2113	17020	17220
>20	84.75-1	108	4807	16732	17220
>16	152.75-1	248	8418	15991	17220
>12	109.75-1	472	10284	14211	17220
>9	71.00-1	659	9780	11619	17220
>6	41.50-1	681	7208	7917	17220
>3	15.25-1	461	3147	3220	17220

DAYS INTERVAL BETWEEN EVENTS

37 — 32.9N 119.4W

Wave height	MAX	TE	T	T•	TH
>64				17217	17217
>56				17217	17217
>48				17217	17217
>40				17217	17217
>34				17217	17217
>28				17217	17217
>24				17217	17217
>20				17217	17217
>16	127.00-1	6	1052	17181	17217
>12	162.50-1	80	6818	16981	17217
>9	87.75-1	316	10443	16201	17217
>6	62.50-1	728	11248	13674	17217
>3	19.50-1	1096	6588	7148	17217

DAYS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

Wave height	MAX	TE	T	T•	TH
>64				17219	17219
>56				17219	17219
>48				17219	17219
>40				17219	17219
>34				17219	17219
>28				17219	17219
>24	17.75-1	1	71	17210	17219
>20	59.50-1	15	1394	17146	17219
>16	90.75-1	66	4974	16905	17219
>12	85.50-1	227	9056	16187	17219
>9	111.00-1	390	10777	13894	17219
>6	29.75-1	608	8828	9866	17219
>3	12.50-1	523	3610	3796	17219

DAYS INTERVAL BETWEEN EVENTS

40 — 29.6N 165.0W

Wave height	MAX	TE	T	T•	TH
>64				17219	17219
>56				17219	17219
>48				17219	17219
>40				17219	17219
>34				17219	17219
>28	10.00-1	3	48	17185	17219
>24	74.00-1	22	1421	17126	17219
>20	34.50-1	52	2022	16941	17219
>16	63.75-1	134	4056	16480	17219
>12	224.00-1	266	8159	15327	17219
>9	143.75-1	414	8590	13472	17219
>6	115.00-1	534	8851	10224	17219
>3	22.25-1	546	4097	4368	17219

DAYS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

Wave height	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17220	17220
>40				17220	17220
>34				17220	17220
>28	2.25-1	1	9	17212	17220
>24	43.75-1	4	195	17191	17220
>20	366.75-1	16	2416	17143	17220
>16	287.00-1	45	6724	16953	17220
>12	164.00-1	[illegible]	[illegible]	[illegible]	17220
>9	86.25-1	[illegible]	[illegible]	[illegible]	17220
>6	44.25-1	[illegible]	[illegible]	[illegible]	17220
>3	15.25-1	687	4989	5296	17220

DAYS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17218	17218
>56	64.75-1	1	259	17212	17218
>48	42.00-1	3	268	17193	17218
>40	54.25-1	18	1224	17115	17218
>34	115.25-1	36	2540	17008	17218
>28	182.75-1	150	7277	16615	17218
>24	182.50-1	263	8584	16010	17218
>20	186.00-1	451	11063	14958	17218
>16	138.25-1	605	10651	13114	17218
>12	122.25-1	712	9111	10249	17218
>9	68.50-1	717	6965	7480	17218
>6	15.25-1	598	4286	4483	17218
>3	6.25-1	303	1403	1425	17218

DAYS INTERVAL BETWEEN EVENTS

24 — 41.0N 134.9W

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17219	17219
>56				17219	17219
>48				17219	17219
>40	27.00-1	1	108	17216	17219
>34	49.50-1	19	1092	17152	17219
>28	54.50-1	52	2785	16983	17219
>24	64.50-1	119	4824	16670	17219
>20	152.50-1	202	5954	16010	17219
>16	167.00-1	308	8572	14811	17219
>12	132.75-1	417	8970	12633	17219
>9	118.75-1	471	8282	10353	17219
>6	55.50-1	485	6583	7262	17219
>3	20.50-1	394	3019	3138	17219

DAYS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17219	17220
>40	4.75-1	2	20	17209	17220
>34	54.75-1	12	726	17171	17220
>28	79.50-1	45	2946	17021	17220
>24	157.25-1	111	7053	16756	17220
>20	153.75-1	222	8172	16178	17220
>16	140.00-1	433	10797	14947	17220
>12	110.25-1	631	10438	12812	17220
>9	64.00-1	771	8707	10043	17220
>6	28.00-1	761	6012	6368	17220
>3	10.50-1	392	2225	2265	17220

DAYS INTERVAL BETWEEN EVENTS

27 — 38.2N 127.4W

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17219	17219
>56				17219	17219
>48				17219	17219
>40				17219	17219
>34				17218	17219
>28	70.25-1	1	281	17204	17219
>24	85.00-1	14	1349	17150	17219
>20	90.00-1	61	4382	16948	17219
>16	65.00-1	160	7098	16413	17219
>12	131.00-1	359	10876	14840	17219
>9	59.50-1	567	10735	12109	17219
>6	24.50-1	653	6920	7350	17219
>3	16.00-1	387	2199	2293	17219

DAYS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17219	17220
>40	14.75-1	2	67	17211	17220
>34	51.00-1	8	598	17177	17220
>28	54.50-1	37	2582	17047	17220
>24	67.25-1	85	3939	16836	17220
>20	179.50-1	200	6334	16303	17220
>16	140.00-2	333	8438	15164	17220
>12	126.25-1	487	9531	12990	17220
>9	99.00-1	599	8686	10592	17220
>6	44.75-1	616	6156	7202	17220
>3	20.00-1	413	2820	3044	17220

DAYS INTERVAL BETWEEN EVENTS

30 — 35.7N 176.1E

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17219	17220
>40	59.00-1	2	452	17213	17220
>34	56.75-1	5	671	17193	17220
>28	58.00-1	28	1988	17106	17220
>24	82.50-1	65	3706	16926	17220
>20	118.50-1	151	5417	16534	17220
>16	182.50-1	299	7943	15599	17220
>12	113.75-1	490	9459	13604	17220
>9	106.50-1	583	9253	11180	17220
>6	49.75-1	669	7133	7754	17220
>3	16.75-1	497	3259	3331	17220

DAYS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17219	17219
>56				17219	17219
>48				17219	17219
>40				17219	17219
>34	68.00-1	3	392	17208	17219
>28	227.75-1	18	3078	17146	17219
>24	224.00-1	46	3576	17013	17219
>20	209.50-1	113	4876	16672	17219
>16	151.00-1	201	6422	15929	17219
>12	148.25-1	351	8994	14515	17219
>9	132.50-1	466	9702	12563	17219
>6	92.25-1	558	8319	9565	17219
>3	31.75-1	542	4594	4836	17219

DAYS INTERVAL BETWEEN EVENTS

33 — 34.6N 145.9E

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17220	17220
>40				17217	17220
>34	0.50-1	1	2	17213	17220
>28	92.25-1	4	724	17188	17220
>24	196.75-1	8	1607	17143	17220
>20	189.00-1	28	2831	17018	17220
>16	176.50-1	115	7338	16682	17220
>12	123.00-1	340	11540	15549	17220
>9	93.50-1	589	11224	13530	17220
>6	27.75-1	833	8824	9589	17220
>3	14.75-1	624	3838	3994	17220

DAYS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17219	17220
>40	57.00-1	1	228	17213	17220
>34	56.25-1	1	225	17203	17220
>28	42.50-1	11	670	17154	17220
>24	67.75-1	42	2113	17020	17220
>20	84.75-1	108	4807	16732	17220
>16	152.75-1	248	8418	15991	17220
>12	109.75-1	472	10284	14217	17220
>9	121.00-1	659	9790	11619	17220
>6	41.50-1	681	7208	7917	17220
>3	15.25-1	461	3147	3220	17220

DAYS INTERVAL BETWEEN EVENTS

36 — 33.7N 123.9E

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17218	17218
>56				17218	17218
>48				17218	17218
>40				17218	17218
>34				17218	17218
>28				17218	17218
>24				17217	17218
>20				17214	17218
>16	238.50-1	9	1873	17182	17218
>12	123.25-1	98	6832	16863	17218
>9	126.25-1	285	10367	16027	17218
>6	56.75-1	567	11717	13846	17218
>3	28.00-1	950	8590	9063	17218

DAYS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17219	17219
>56				17219	17219
>48				17219	17219
>40				17219	17219
>34				17219	17219
>28				17219	17219
>24	17.75-1	1	71	17210	17219
>20	59.50-1	15	1394	17146	17219
>16	90.75-1	66	4974	16905	17219
>12	94.00-1	217	9056	15922	17219
>9	111.00-1	390	10932	13994	17219
>6	29.75-1	608	8828	9866	17219
>3	12.50-1	523	3610	3796	17219

DAYS INTERVAL BETWEEN EVENTS

39 — 29.9N 177.3W

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17220	17220
>40				17220	17220
>34				17213	17220
>28	57.00-1	8	475	17163	17220
>24	52.75-1	18	1212	17100	17220
>20	85.50-1	49	2827	16943	17220
>16	115.25-1	111	4894	16525	17220
>12	185.75-1	251	7740	15387	17220
>9	110.50-1	416	9487	13534	17220
>6	95.50-1	564	9060	10413	17220
>3	19.50-1	534	4248	4667	17220

DAYS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17220	17220
>56				17220	17220
>48				17220	17220
>40				17220	17220
>34				17217	17220
>28	2.25-1	1	9	17212	17220
>24	43.75-1	4	195	17193	17220
>20	366.75-1	16	2416	17143	17220
>16	287.00-1	36	6724	16983	17220
>12	164.00-1	138	10777	16396	17220
>9	86.25-1	302	[illegible]	15074	17220
>6	44.25-1	617	10560	11759	17220
>3	15.25-1	687	4989	5296	17220

DAYS INTERVAL BETWEEN EVENTS

42 — 28.6N 139.2W

WAVE HEIGHT	MAX	TE	T	T•	TH
>64				17219	17219
>56				17219	17219
>48				17219	17219
>40				17219	17219
>34				17219	17219
>28				17218	17219
>24	332.75-1	2	1458	17203	17219
>20	287.25-1	9	1946	17153	17219
>16	195.75-1	59	5102	16928	17219
>12	174.75-1	159	7167	16751	17219
>9	156.50-1	305	9827	[illegible]	17219
>6	65.75-1	605	[illegible]	[illegible]	17219
>3	16.50-1	632	4188	4431	17219

DAYS INTERVAL BETWEEN EVENTS

ANNUAL WAVE HEI(

43 — 28.2N 125.9E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17219	17219
≥56																				17219	17219
≥48																				17219	17219
≥40																				17219	17219
≥34																				17219	17219
≥28																				17214	17219
≥24							1			1	1	2					56.50-1	5	572	17196	17219
≥20	1				1	1	1			2	6	5		1			95.25-1	18	1893	17120	17219
≥16	6	9	2		6	7	1	2	17	19	10	11	2	1	1		239.25-1	94	6369	16782	17219
≥12	16	10	7	1	19	18	23	15	51	34	13	4	3	1	1		189.25-1	216	8359	15890	17219
≥9	47	24	26	12	53	52	24	28	74	41	11	7	3	3			121.75-1	405	10625	14299	17219
≥6	82	43	32	34	108	79	48	29	69	51	7	6					51.75-1	588	9954	11245	17219
≥3	154	76	62	46	126	78	39	32	58	14	2						25.50-1	689	5272	6275	17219

DAYS INTERVAL BETWEEN EVENTS

44 — 27.9N 150.7E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17218	17218
≥56																				17218	17218
≥48																				17218	17218
≥40																				17218	17218
≥34																				17218	17218
≥28																				17215	17218
≥24	1					1				1	1						27.25-1	4	187	17194	17218
≥20	1					1			1	2	2	2		1	1		194.25-1	11	1861	17133	17218
≥16	2	1			6	2	1	4	2	7	3	6	4	3			179.50-1	41	4830	16976	17218
≥12	7	6	6	3	15	11	4	9	19	20	10	18	4	3			120.50-1	135	8608	16413	17218
≥9	42	13	18	14	45	37	22	13	49	39	18	10	4	2			106.50-1	326	10245	15091	17218
≥6	86	56	41	38	116	74	41	37	90	38	11	7					46.25-1	635	10039	11658	17218
≥3	142	77	48	50	137	78	42	22	41	9							16.50-1	646	4900	5165	17218

DAYS INTERVAL BETWEEN EVENTS

46 — 26.1N 170.8E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17220	17220
≥34																				17220	17220
≥28																				17215	17220
≥24																				17205	17220
≥20		1	1		1	2		1	2	1	2		1				70.00-1	12	659	17151	17220
≥16	1	2	2		4	3	2	2	8	5	4	2	3	1			108.25-1	39	2591	16936	17220
≥12	8	2	6	5	12	8	7	5	22	11	12	8	5	2	1		191.75-1	114	7725	16311	17220
≥9	38	18	14	13	34	25	16	20	44	33	18	10	2	4	1		185.75-1	290	10816	15099	17220
≥6	74	39	37	28	93	59	38	31	83	41	8	4	4				88.25-1	539	10151	11735	17220
≥3	138	74	54	31	127	61	36	23	40	12	1						21.00-1	597	4764	5119	17220

DAYS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17219	17219
≥56																				17219	17219
≥48																				17219	17219
≥40																				17219	17219
≥34																				17219	17219
≥28																				17219	17219
≥24																				17219	17219
≥20																				17215	17219
≥16									1								6.50-1	1	26	17202	17219
≥12	4	1		1	1				1	4	3	4	3	1			97.50-1	23	2608	17068	17219
≥9	7	4	3		14	7	8	6	23	23	10	19	3	1			139.00-1	128	8120	16432	17219
≥6	72	26	35	30	72	43	47	30	82	59	20	8					40.00-1	524	11188	[illegible]	17219
≥3	149	81	63	41	129	70	38	13	35	3							14.50-1	622	4104	4365	17219

DAYS INTERVAL BETWEEN EVENTS

49 — 22.6N 128.0E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17220	17220
≥34											1						22.25-1	1	89	17211	17220
≥28		1		2							1						20.50-1	4	92	17193	17220
≥24	3									1	1		1				62.00-1	6	415	17159	17220
≥20	5						1	1	1	3	4	4	1	1	1		221.75-1	22	3033	17063	17220
≥16	12	4	5	3	3	4	5	1	10	19	10	12	2	2			126.00-1	92	5975	16726	17220
≥12	33	19	13	6	26	21	13	14	46	34	14	12	4	3			145.50-1	258	10207	15427	17220
≥9	47	31	15	15	58	60	27	15	58	44	11	8	4				77.50-1	393	9614	13036	17220
≥6	75	48	46	19	85	56	26	22	61	39	9	5					58.00-1	491	7773	9012	17220
≥3	100	63	34	32	84	58	31	17	32	9	1						21.50-1	461	3750	3969	17220

DAYS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17220	17220
≥34																				17220	17220
≥28																				17220	17220
≥24																				17218	17220
≥20									1				1				61.75-1	2	286	[illegible]	17220
≥16	1	1	1		2	1	1	1	3	1	1	6	1				67.25-1	20	1616	17083	17220
≥12	9	1	4	1	7	8	2	2	14	17	9	7	1	2	1		212.00-1	85	5548	[illegible]	[illegible]
≥9	48	23	17	10	23	22	10	21	48	43	10	5	4	1			102.50-1	285	[illegible]	[illegible]	[illegible]
≥6	153	54	40	35	110	56	46	31	77	21	10	10	1				72.00-1	644	9412	[illegible]	[illegible]
≥3	202	70	59	55	99	63	37	31	47	12	2						23.50-1	[illegible]	[illegible]	[illegible]	[illegible]

DAYS INTERVAL BETWEEN EVENTS

52 — 19.2N 127.8W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17219	17219
≥56																				17219	17219
≥48																				17219	17219
≥40																				17219	17219
≥34																				17219	17219
≥28																				17219	17219
≥24			1					1									4.25-1	2	20	17211	17219
≥20							2	1									5.00-1	3	49	17186	17219
≥16	1	2		1	3		2	1	2	3		5	2	3			168.75-1	25	3622	17082	17219
≥12	10	5	5	6	7	5	6	1	13	18	7	24	9	2			120.75-1	118	10208	16648	17219
≥9	37	14	18	8	42	27	28	20	58	62	20	18	2	1			149.25-1	355	12327	15184	17219
≥6	160	76	64	57	155	100	67	41	85	34	3	1					34.50-1	843	9082	9974	17219
≥3	125	78	53	45	85	30	11	6	9								8.50-1	442	1942	1957	17219

DAYS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17214	17220
≥34	1						1		1	1	1	2					37.00-1	[illegible]	49	[illegible]	17220
≥28	2	3		1	1		1		3	1	1	5	1	2			161.25-1	21	2659	17109	17220
≥24	7	5	2	2	4	1	3	4	10	3	7	5	2	3			132.50-1	58	4155	16942	17220
≥20	23	6	1	4	8	10	10	6	16	18	8	12	1	3			136.75-1	126	6444	[illegible]	17220
≥16	33	14	8	9	26	22	10	11	34	30	8	9	3	2			135.75-1	219	7624	15682	17220
≥12	63	25	22	12	54	32	27	18	43	35	10	12	1	1			135.25-1	355	8783	13865	17220
≥9	79	31	31	19	54	36	29	17	53	31	14	13		1			97.75-1	408	8897	11572	17220
≥6	100	40	41	21	55	42	37	19	56	33	8	8					40.75-1	460	7647	8680	17220
≥3	112	55	44	23	83	35	27	17	47	20		1					30.75-1	464	4503	4764	17220

DAYS INTERVAL BETWEEN EVENTS

55 — 17.6N 138.5E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17219	17219
≥56																				17219	17219
≥48																				17219	17219
≥40			1														0.75-1	1	3	17217	17219
≥34																				17210	17219
≥28		2															0.50-2	2	4	17192	17219
≥24	2	1								1	2	3		2			147.00-1	11	1896	17153	17219
≥20	5	2	1		3	1	1	3	2	2	8	8	2	3			146.50-1	41	4492	17026	17219
≥16	18	4	4	4	14	2	3		12	13	9	11	2	6			153.50-1	102	7626	16663	17219
≥12	26	21	9	12	28	19	11	12	36	23	11	14	4	4			152.00-1	230	9457	15648	17219
≥9	56	28	28	13	65	40	22	20	71	35	17	13	1	2			118.75-1	411	10805	13461	17219
≥6	95	39	39	24	98	64	34	25	62	37	8	4	1				86.75-1	530	8235	9115	17219
≥3	108	46	24	24	83	47	33	10	31	13							17.75-1	419	3624	3775	17219

DAYS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17213	17213
≥56																				17213	17213
≥48																				17213	17213
≥40																				17213	17213
≥34																				17213	17213
≥28																				17212	17213
≥24																				17210	17213
≥20	1						2		1			1				1	400.50-1	6	1851	17188	17213
≥16	1	1		1		2			1			2				1	400.25-1	9	2040	17151	17213
≥12	4	1			1	3			2	1	1	2	1	2	2		323.25-1	20	4318	17075	17213
≥9	11	5	2	2	7	2	2	3	5	10	9	16	4	5			163.00-1	83	8426	16820	17213
≥6	52	19	18	16	44	28	11	21	51	47	20	19	5				77.00-1	351	11670	15466	17213
≥3	189	102	69	51	137	84	67	31	82	32	3						23.00-1	847	8416	8998	17213

DAYS INTERVAL BETWEEN EVENTS

58 — 14.5N 127.7E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17216	17216
≥56																				17216	17216
≥48																				17216	17216
≥40																				17216	17216
≥34																				17213	17216
≥28	1											1					31.75-1	2	128	17184	17216
≥24	2		2	1		1		1	1	2	1	1	1	2			124.00-1	15	1718	17118	17216
≥20	2	2		1	3	1	1		2	4	5	6	3	1			96.25-1	31	3052	16952	17216
≥16	9	5	3	3	7	7	4	4	18	10	11	10		1			146.50-1	92	4768	16520	17216
≥12	21	8	10	3	23	19	17	12	29	24	8	12	2	3			134.75-1	191	7681	15302	17216
≥9	26	20	12	12	45	22	23	15	42	24	10	13		2			134.25-1	267	7774	13329	17216
≥6	78	19	19	14	80	48	28	16	50	27	17	7	1	1			94.00-1	405	8409	9992	17216
≥3	91	55	42	31	49	30	24	17	45	24	4	1					35.75-1	413	4821	5227	17216

DAYS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17220	17220
≥34																				17220	17220
≥28																				17220	17220
≥24																				17220	17220
≥20																				17216	17220
≥16	1		1														0.75-1	2	4	17202	17220
≥12	1	2	3		4	2	2		4	2	3	3	1	2			167.00-1	29	2827	17063	17220
≥9	14	17	13	8	23	15	7	2	29	18	13	13	7	2	1		183.00-1	182	9825	16136	17220
≥6	129	46	38	16	71	60	49	25	77	43	16	7					49.25-1	577	9856	11700	17220
≥3	152	61	35	25	78	28	19	17	23	3							14.00-1	441	2613	2735	17220

DAYS INTERVAL BETWEEN EVENTS

61 — 12.0N 156.7E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17220	17220
≥34																				17220	17220
≥28																				17219	17220
≥24																				17215	17220
≥20			1									1					54.50-1	2	221	17198	17220
≥16	1					1			1	2		4					53.75-1	9	815	17098	17220
≥12	8	7	1		5	4	2	5	15	12	9	8	2				72.75-1	78	4047	16619	17220
≥9	32	15	18	10	34	25	20	18	42	44	6	6	2	2			149.50-1	276	6089	15112	17220
≥6	88	30	37	28	68	53	27	28	53	34	5	8	2	1			105.50-1	470	8554	10368	17220
≥3	99	38	33	14	57	35	20	18	37	7	1						28.00-1	357	3162	3675	17220

DAYS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																				17201	17201
≥56																				17201	17201
≥48																				17201	17201
≥40																				17201	17201
≥34																				17201	17201
≥28																				[illegible]	17201
≥24																				[illegible]	17201
≥20	2				1	1		1	2	1	1	1	1				63.50-1	11	716	17103	17201
≥16	2	2		2	3	4	1	2	8	6	5	4					48.00-1	39	1850	16812	17201
≥12	6	4	1	2	15	5	7	8	13	17	4	5					56.75-1	87	2929	[illegible]	17201
≥9	9	6	5	3	20	18	15	9	23	26	2	3					49.50-1	149	[illegible]	14776	17201
≥6	22	9	8	10	28	17	13	14	25	21	2	1	1	1			113.25-1	172	3844	[illegible]	17201
≥3	23	14	8	7	28	18	16	12	24	17	3	2	3	2			149.75-1	177	5293	10168	17201

DAYS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS (Cont'd)

44 — 27.9N 150.7E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17218	17218
≥56																				17218	17218
≥48																				17218	17218
≥40																				17218	17218
≥34																				17218	17218
≥28																				17215	17218
≥24	1					1				1	1						27.25-1	4	187	17194	17218
≥20	1					1			1	2	2	2		1	1		194.25-1	11	1861	17133	17218
≥16	2	1			6	2	1	4	2	7	3	6	4	3			179.50-1	41	4830	16976	17218
≥12	1	6	6	3	15	11	4	9	19	20	10	18	4	3			120.50-1	135	8608	16413	17218
≥9	42	13	18	14	45	37	22	13	49	39	18	10	4	2			106.50-1	326	10245	15091	17218
≥6	86	56	41	38	116	74	41	37	90	38	11						46.25-1	635	10039	11658	17218
≥3	142	77	48	50	137	78	42	22	41	9							16.50-1	646	4900	5165	17218

DAYS INTERVAL BETWEEN EVENTS

45 — 27.8N 145.6W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17219	17219
≥56																				17219	17219
≥48																				17219	17219
≥40																				17219	17219
≥34																				17219	17219
≥28																				17219	17219
≥24	1												1				67.00-1	2	269	17213	17219
≥20	1		1	1	1	2			1	2	1	2	1		1		308.75-1	14	2096	17153	17219
≥16	10	6	1	4	8	5	1	1	7	14	9	8	2	1	1		183.75-1	78	5247	16872	17219
≥12	11	20	3	5	28	18	11	8	35	34	11	6		1			171.00-1	191	6375	16049	17219
≥9	40	23	29	18	46	52	21	17	72	41	9	6		2			156.75-1	376	8716	14456	17219
≥6	109	55	39	38	120	64	49	35	58	25	7	9	2	1			91.75-1	611	9354	10786	17219
≥3	150	74	54	49	105	62	23	20	36	6	2						24.00-1	581	4100	4386	17219

DAYS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17219	17219
≥56																				17219	17219
≥48																				17219	17219
≥40																				17219	17219
≥34																				17219	17219
≥28																				17219	17219
≥24																				17219	17219
≥20																				17215	17219
≥16									1								6.50-1	1	26	17202	17219
≥12	4	1		1	1				1	4	3	4	3	1			97.50-1	23	2608	17068	17219
≥9	7	4	3		14	7	8	6	23	23	10	19	3	1			139.00-1	128	8120	16432	17219
≥6	72	26	35	30	72	43	47	30	82	59	20	8					40.00-1	524	11188	12781	17219
≥3	149	81	63	41	129	70	38	13	35	3							14.50-1	622	4104	4365	17219

DAYS INTERVAL BETWEEN EVENTS

48 — 23.5N 151.8W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17220	17220
≥34																				17220	17220
≥28																				17214	17220
≥24						1				1		1					51.50-1	3	274	17201	17220
≥20					1	1			1	1	3	2					33.25-1	9	639	17152	17220
≥16		1			7	1	2	1	1	4	7	6	1				67.50-1	31	2322	17016	17220
≥12	13	2	5	3	15	18	4	12	25	27	17	6			1		219.25-1	148	6370	16399	17220
≥9	37	23	20	18	56	33	27	26	59	35	9	2	2	1			154.00-1	348	7672	14837	17220
≥6	109	45	48	32	84	67	40	28	65	27	6	4	2	1			115.75-1	558	8658	10739	17220
≥3	146	60	40	37	88	53	23	18	30	8							16.75-1	503	3567	3765	17220

DAYS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17220	17220
≥34																				17220	17220
≥28																				17220	17220
≥24																				17218	17220
≥20									1				1				61.75-1	2	286	17189	17220
≥16	1	1	1		2	1	1	1	3	1	1	6	1				67.25-1	20	1616	17083	17220
≥12	3	1	4	1	7	8	2	2	14	17	9	7	1	2	1		212.00-1	85	5548	16739	17220
≥9	48	23	17	10	23	22	10	21	48	43	10	5	4	1			102.50-1	285	8785	15778	17220
≥6	153	54	40	35	110	56	46	31	77	21	10	10	1				72.00-1	644	9412	12507	17220
≥3	202	73	59	55	99	63	37	31	47	12	2						23.50-1	677	5245	5570	17220

DAYS INTERVAL BETWEEN EVENTS

51 — 20.5N 177.1W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17220	17220
≥34																				17220	17220
≥28																				17220	17220
≥24																				17214	17220
≥20												1					37.75-1	1	151	17198	17220
≥16	1				1	1			3	3		3			1		217.25-1	13	1702	17108	17220
≥12	10	5	1		5	4	4	4	14	12	13	6		2	1		216.25-1	81	5579	16740	17220
≥9	17	13	8	7	21	24	18	19	38	43	10	9	1	4			172.75-1	232	9624	15425	17220
≥6	92	42	25	23	70	56	41	33	82	42	8	7	2				64.75-1	523	9679	11265	17220
≥3	126	60	49	38	90	48	38	24	28	5							15.75-1	506	3582	3759	17220

DAYS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17214	17220
≥34	1						1		1	1	1	2					37.00-1	7	497	17193	17220
≥28	2	3		1	1		1		3	1	1	5	1	2			161.25-1	21	2659	17109	17220
≥24		5	2	2	4	1	3	4	10	3	7	5	2	3			132.50-1	58	4155	16942	17220
≥20	23	6	1	4	8	10	10	6	16	18	8	12	1	3			136.75-1	126	6444	16511	17220
≥16	33	14	8	9	26	22	10	11	34	30	8	9	3	2			135.75-1	219	7624	15682	17220
≥12	63	25	22	12	54	32	27	18	43	35	10	12	1	1			135.25-1	355	8783	13865	17220
≥9	79	31	31	19	54	36	29	17	53	31	14	13		1			97.75-1	408	8897	11572	17220
≥6	100	40	41	21	55	42	37	19	56	33	8	8					40.75-1	460	7647	8680	17220
≥3	112	55	44	23	83	35	27	17	47	20		1					30.75-1	464	4503	4764	17220

DAYS INTERVAL BETWEEN EVENTS

54 — 18.2N 168.8E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17219	17219
≥56																				17219	17219
≥48																				17219	17219
≥40																				17217	17219
≥34	1																0.25-1	1	1	17216	17219
≥28																				17210	17219
≥24														1			93.75-1	1	375	17188	17219
≥20	2								2			1	1	2			133.00-1	8	1407	17144	17219
≥16	3	2		2	2	1		1	5	9	3	6	2	1			132.00-1	37	3202	16990	17219
≥12	12	9	7	4	7	8	15	8	20	20	9	11	5	3	1		235.25-1	139	9030	16283	17219
≥9	43	14	12	7	40	32	17	19	59	42	17	13	2	2			166.75-1	319	10745	14575	17219
≥6	96	50	28	32	95	55	48	34	75	32	10	7					40.00-1	562	8822	10176	17219
≥3	108	57	35	28	89	68	27	18	18	4							15.75-2	452	3098	3141	17219

DAYS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17213	17213
≥56																				17213	17213
≥48																				17213	17213
≥40																				17213	17213
≥34																				17213	17213
≥28																				17212	17213
≥24																				17210	17213
≥20	1						2		1			1				1	400.50-1	6	1851	17188	17213
≥16	1	1		1		2			1			2				1	400.25-1	9	2040	17151	17213
≥12	4	1			1	3			2	1	1	2	1	2	2		323.25-1	20	4318	17075	17213
≥9	11	5	2	2	7	2	2	3	5	10	9	16	4	5			163.00-1	83	8426	16820	17213
≥6	52	19	18	16	44	28	11	21	51	47	20	19	5				77.00-1	351	11670	15466	17213
≥3	189	102	69	51	137	84	67	31	82	32	3						23.00-1	847	8416	8998	17213

DAYS INTERVAL BETWEEN EVENTS

57 — 14.9N 147.9E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17220	17220
≥34																				17218	17220
≥28												1					52.75-1	1	211	17210	17220
≥24			1									1					52.00-1	2	211	17193	17220
≥20	3										1	2		1			103.25-1	7	879	17158	17220
≥16	5	1	1	1	4	1	1	4	4	7	2	5	4	1			113.00-1	41	3385	17015	17220
≥12	20	11	14	6	17	9	12	10	30	28	10	11	5	2			140.50-1	185	8258	16337	17220
≥9	57	20	30	12	54	40	28	15	63	40	12	15	4		1		217.75-1	391	11380	14440	17220
≥6	109	51	57	23	107	50	38	33	58	34	12	5		1			129.25-1	578	8878	10033	17220
≥3	122	54	41	34	93	49	23	20	37	9							16.25-1	482	3790	3987	17220

DAYS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				17220	17220
≥34																				17220	17220
≥28																				17220	17220
≥24																				17220	17220
≥20																				17216	17220
≥16	1		1														0.75-1	2	4	17202	17220
≥12	1	2	3		4	2	2		4	2	3	3	1	2			167.00-1	29	2827	17063	17220
≥9	14	17	13	8	23	15	7	2	29	18	13	13	7	2	1		183.00-1	182	9825	16136	17220
≥6	129	46	38	16	71	60	49	25	77	43	16	7					49.25-1	577	9856	11700	17220
≥3	152	61	35	25	78	28	19	17	23	3							14.00-1	441	2613	2735	17220

DAYS INTERVAL BETWEEN EVENTS

60 — 12.2N 112.6E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17220	17220
≥56																				17220	17220
≥48																				17220	17220
≥40																				[illegible]	17220
≥34	1																0.25-1	1	1	17211	17220
≥28	1					1						3					48.75-1	5	350	17162	17220
≥24	5	3			2	1		1	2	5	2	2	1				63.00-1	24	1205	17064	17220
≥20	4	1		1	7	2	7	2	9	9	3	5					57.75-1	50	2136	16793	17220
≥16	6	4	5	5	12	10	7	4	13	17	5	7			1		184.25-1	96	4076	16234	17220
≥12	19	9	3	6	20	17	10	8	27	22	10	4	1	2			136.50-1	158	5524	15046	17220
≥9	28	13	8	5	36	24	21	17	29	23	8	5	5	3			135.50-1	225	7887	13458	17220
≥6	66	34	19	13	34	31	24	19	38	26	4	8	5	1			98.75-1	322	7660	10860	17220
≥3	101	38	26	13	56	43	25	12	47	31	7	5					48.75-1	404	6299	7234	17220

DAYS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17201	17201
≥56																				17201	17201
≥48																				17201	17201
≥40																				17201	17201
≥34																				17201	17201
≥28																				17198	17201
≥24																				17188	17201
≥20	2				1	1		1	2	1	1	1	1				63.50-1	11	716	17103	17201
≥16	2	2		2	3	4	1	2	8	6	5	4					48.00-1	39	1850	16812	17201
≥12	6	4	1	2	15	5	7	8	13	17	4	5					56.75-1	87	2929	15989	17201
≥9	9	6	5	3	20	18	15	9	33	26	2	3					49.50-1	149	3827	14776	17201
≥6	22	9	8	10	28	17	13	14	25	21	2	1	1	1			113.25-1	172	3844	12652	17201
≥3	23	4	8	7	28	18	16	12	24	17	3	2	3	2			149.75-1	177	5293	10168	17201

DAYS INTERVAL BETWEEN EVENTS

63 — 2.1N 123.0E

WAVE HEIGHT (ft)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥64																				17189	17189
≥56																				17189	17189
≥48																				17189	17189
≥40																				17189	17189
≥34																				17189	17189
≥28																				17189	17189
≥24																				17189	17189
≥20																				17189	17189
≥16												1					43.50-1	1	174	17161	17189
≥12	1		1	1	3	1	2	1	5	4	4	3	1	1			139.50-1	28	2361	16966	17189
≥9	6	3	1	6	6	6	1	2	11	9	9	4	1	2	1		216.75-1	68	4590	16531	17189
≥6	18	17	7	8	20	16	14	16	38	19	6	8	1	1	1		206.50-1	190	6448	14902	17189
≥3	75	30	20	15	42	37	16	9	30	13	9	4	3				111.75-1	304	5940	9924	17189

DAYS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) DURATIONS

1 — 64.0N 166.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14		1															12-1	1	2	2	4333
≥.13	1		1	1													24-1	3	8	8	4333
≥.12	5		2				1										42-1	8	18	18	4333
≥.11	15	11	4	4	2		2										42-2	38	89	89	4333
≥.10	69	21	12	11	12	4	4	4	2							1	108-1	140	371	374	4334
≥.08	57	27	24	26	22	14	16	14	11	11	5	8	6	3	4	37	318-1	285	2179	2207	4335
≥.06	13	9	15	7	9	6	8	10	4	9	4	5	3	4	3	70	888-1	179	3302	3420	4378
≥.05	12	13	9	18	8	6	5	4	9	2	6	5	5	5	4	65	888-1	176	3483	3713	4410
≥.04	13	6	8	8	11	10	2	4	5	5	5	3	3	4	6	64	1314-1	157	3684	3970	4507
≥.03	12	8	4	8	6	7	1	3	3	3	3	2	4	1	9	63	1314-1	137	3752	4145	4559
≥.02	6	11	5	3	4	3	1	1	4		2	2	4	1	2	64	1938-1	113	3798	4287	4593
≥.01	3	2	2	2		3	1		4				3	1		44	2058-1	65	3967	4609	4788

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	[illegible]																12-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.14	[illegible]																30-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	[illegible]																66-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]																[illegible]66	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	28	12	9	12	10	5	6	5	1	4	1						186	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	29	30	27	14	22	8	16	8	11	2	6	2	3	1		7	210	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	24	16	19	16	17	13	16	5	7	10	8	6	6	2	10	52	426	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	19	8	4	10	12	8	5	16	6	9	2	3	5	4	3	68	792	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	19	13	4	3	8	10	8	7	9	5	8	1	4	3	4	71	792	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	21	7	3	4	4	1	7	6	10	7	4	2	3	3	4	75	792	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	16	5	5	1	3	1	5	4	5	6	3	[illegible]	2			67	882	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	14	3	4	6	1	2	2	2	2	4				2	1	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	2	2	1	1	1	1					1	1				26	SEA	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1	3	1														18-1	5	10	10	4333
≥.14	9	5	3	1	1												30-1	19	37	37	4333
≥.13	18	9	9	9		1	1	2				1					72-1	50	140	140	4333
≥.12	28	18	14	11	10	5	4	3	1	2	1	2			1	1	102-1	101	378	380	4333
≥.11	27	16	21	15	13	13	10	6	3	3	2	3	2	1	1	8	186-1	144	814	827	4334
≥.10	33	24	21	18	15	7	11	11	16	5	6	5	3		4	27	234-2	206	1551	1568	4339
≥.08	29	11	16	13	12	12	11	11	5	6	5	4	3	4	3	67	702-1	212	3055	3121	4357
≥.06	11	10	3	10	6	5	8	7	8	4	1	2	7	2	2	73	972-1	159	3608	3719	4383
≥.05	11	8	4	9	3	4	4	3	8	6	3	1	3	4	2	72	1038-1	145	3757	3942	4425
≥.04	16	7	5	9	6	3	3	2	3	1	6		1	3	2	67	1152-1	134	3875	4096	4429
≥.03	6	4	4	2	2	4			2	1	2	2		2		54	1536-1	85	3791	4306	4499
≥.02	3			1	1			1	1		1					34	2118-1	42	3984	4865	4954
≥.01																16	SEA-4	16	3569	4934	4947

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.14	1																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	2	2	3														[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	12	10	4	6	1												[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	26	12	15	15	8	7	2	2	[illegible]								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	40	24	17	11	11	12	12	8	8	3	4	2	3	2		6	114-1	163	[illegible]	[illegible]	[illegible]
≥.08	39	31	32	20	15	9	17	8	9	8	6	8	6	5	8	45	252-1	266	[illegible]	[illegible]	[illegible]
≥.06	27	23	16	20	10	15	14	9	14	10	6	8	8	2	2	70	588-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	21	8	23	13	13	9	9	9	11	3	3	6	4	3	2	85	684-1	222	[illegible]	[illegible]	[illegible]
≥.04	14	12	16	9	13	8	8	6	6	4	1	6	3	6	3	80	762-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	16	11	3	8	6	3	4	5	4	5	2	4	3	1	1	75	966-1	[illegible]	3764	[illegible]	[illegible]
≥.02	7	3	2		2	2	5		2	1		1	3	1		63	1470	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	3			1											1	24	SEA	29	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4333
≥.14	1	2	1														18-1	4	8	8	4333
≥.13	12	5	4		1		1			1							60-1	24	56	56	4333
≥.12	12	5	12	9	2	2	3	2	1			2					72-2	50	186	186	4333
≥.11	40	24	15	14	13	7	7	1	1	4	3	2			2	3	138-1	136	548	551	4333
≥.10	37	23	21	20	17	12	14	11	7	5	6	4	4	2	2	15	204-2	200	1273	1287	4333
≥.08	21	16	15	16	12	10	17	12	10	7	5	9	3	5	4	63	618-1	225	2897	2938	4378
≥.06	19	15	17	13	8	7	7	8	10	7	5	4	8	7	4	77	1164-1	216	3622	3701	4450
≥.05	22	9	10	6	6	4	7	4	7	9	4	1	6	2	7	79	1308-1	183	3884	3991	4469
≥.04	14	8	5	2	6	1	6	5	2	5	2	3	2	3	2	75	1308-1	141	4108	4264	4572
≥.03	7	5	3	1	1		2	3	2	2	2	2	1			60	1428-1	91	4083	4509	4674
≥.02	2	1							1	1	1		1			29	SEA-1	36	3588	4766	4837
≥.01																12	SEA-6	12	3422	4857	4866

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	2	5															12-5	7	12	12	4333
≥.14	8	6	6	1													24-1	21	42	42	4333
≥.13	19	14	11	2	2	3											36-3	51	116	116	4333
≥.12	27	16	13	16	7	7	4	1	1								54-1	92	284	289	4333
≥.11	35	27	14	13	13	10	9	10	6	6	3	1	1	1		1	102-1	150	654	663	4336
≥.10	46	33	33	24	13	19	9	9	10	6	9	4		4	1	16	168-1	236	1330	1365	4339
≥.08	18	17	18	15	12	13	14	14	13	6	10	8	9	9	5	66	402-1	253	3002	3068	4376
≥.06	13	10	8	5	8	9	8	5	3	10	5	4	3	5	2	93	618-1	[illegible]	3612	3755	4418
≥.05	23	7	5	6	2	5	4	7	2	8	4	6	4	3	3	80	774-1	169	3790	3990	4446
≥.04	15	5	3	3	2	2	3	1	1	1		5	3		3	79	846-1	126	4070	4274	4565
≥.03	11	4	2	1			1	1	2			1		1	1	60	1602-1	85	4197	4573	4742
≥.02	4		1				1									35	SEA-1	41	4127	4894	4960
≥.01																13	SEA-6	13	3700	4984	4992

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15		1															12-1	1	2	2	4333
≥.14	6			1													24-1	7	10	10	4333
≥.13	14	7	4	2													24-2	27	48	48	4333
≥.12	31	14	8	6	6	4		1									48-1	70	169	171	4333
≥.11	42	39	12	18	10	8	6	3	3	3	1	1			1		90-1	147	487	492	4333
≥.10	51	40	23	26	15	20	5	11	5	7	6	5	6	3	2	6	180-1	231	1131	1155	4338
≥.08	31	28	18	14	21	14	12	10	9	9	12	5	4	4	5	58	372-1	254	2732	2775	4380
≥.06	21	20	12	19	8	14	6	13	4	8	5	4	4	8	6	69	630-1	221	3413	3540	4421
≥.05	12	15	9	17	6	9	7	9	5	5	6	5	4	5	6	70	642-1	190	3643	3810	4454
≥.04	18	12	11	5	6	2	5	6	8	2	6	3	3	6	1	71	720-1	165	3829	3998	4480
≥.03	10	2	11	7	3	3	2	1	1	3	3	6	2	3	2	64	1074-1	123	3946	4248	4590
≥.02	7	1	3	4	1	2		1		1		1	3	3		52	1644-1	79	4396	4886	5076
≥.01	3															26	SEA-2	29	4079	5574	5640

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	2	1		1													24-1	4	8	8	4333
≥.14	5	5	1	2		1											36-1	14	32	32	4333
≥.13	14	3	5	2	2	3											36-3	29	71	71	4333
≥.12	30	23	10	10	4	3	1							1			84-1	82	205	205	4337
≥.11	40	26	21	18	18	15	5	7	3	2			1	1	1	1	96-1	159	603	609	4342
≥.10	59	27	22	22	19	15	18	16	10	8	7	4	3	1	1	13	168-1	245	1334	1315	4366
≥.08	34	34	21	24	14	12	11	10	10	11	9	8	15	9	2	61	330-1	285	2885	2969	4412
≥.06	16	14	21	15	15	11	4	7	8	5	10	5	6	4	8	82	756-1	231	3675	3768	4511
≥.05	21	12	16	14	11	11	7	5	6	7	5	5	3	6	1	86	948-1	216	3922	4058	4565
≥.04	17	3	7	8	4	9	5	4	6	4	3	3	2	4	2	81	1140-2	162	4231	4416	4755
≥.03	9	5	2	5	3	3	4	4	5	2	4		2		1	68	1290-1	117	4354	4760	4975
≥.02	6	2	2	2		3		1	2	1	1	1		2		38	SEA-1	61	4188	4999	5098
≥.01	1	2		1	1											15	SEA-6	20	3867	5232	5248

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	3	4332
≥.14	4	1	1	1													24-1	7	13	15	4332
≥.13	10	7	2	2	2												30-2	23	48	51	4332
≥.12	24	12	6	5	3	4	[illegible]	1									48-1	57	147	152	4332
≥.11	30	26	23	7	5	8	1	5	3	2	1	3				1	102-1	117	424	438	4332
≥.10	54	37	35	24	19	18	7	8	8	3	3	2	3	1	2	7	192-1	231	1036	1054	4345
≥.08	42	29	24	28	21	14	21	16	18	10	9	11	5	6	3	49	366-1	306	2712	2796	4376
≥.06	21	16	14	17	13	17	6	8	13	7	13	9	8	4	11	78	564-1	255	3448	3670	4449
≥.05	24	12	7	12	11	9	8	6	9	6	6	6	11	5	3	88	576-1	223	3783	4036	4553
≥.04	12	8	3	6	6	5	3	4	8	3	5	5	5	3	2	78	912-1	156	4118	4425	4757
≥.03	9	5	1	1	1	4	2	1	3	2	4	1	2	2		65	1374-1	103	4395	4851	5040
≥.02	1	3	2		1	1	1			1	1		1		1	36	2100-1	49	4422	5389	5463
≥.01		1														13	SEA-6	14	3620	5206	5217

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	4	1	2														18-2	7	12	12	4333
≥.14	12	7	4	2													24-2	25	46	46	4333
≥.13	19	22	7	4	2	2											36-2	56	122	122	4334
≥.12	32	18	21	12	8	2	2	1		1							60-1	97	263	270	4335
≥.11	39	33	23	17	17	10	9	5	7	5	1				1	2	108-1	169	664	676	4336
≥.10	72	28	28	32	26	14	15	16	10	6	6	7	3	2	1	11	162-1	277	1394	1412	4353
≥.08	24	23	17	28	19	12	13	10	10	6	7	5	6	10	6	72	282-1	268	2993	3107	4385
≥.06	20	13	11	13	12	12	6	6	5	7	4	4	7	7	3	82	612-1	212	3612	3852	4518
≥.05	22	5	7	12	4	6	10	4	6	5	6	6	1	11	2	79	708-1	186	3826	4107	4552
≥.04	9	10	6	5	3	5	5	4	2	2	3	5	4	1	3	72	900-1	139	4027	4374	4633
≥.03	1	5	1	2			2	1			2		1	1	1	53	1320-1	70	4203	4705	4828
≥.02	1			1		2										29	SEA-3	33	3983	4911	4954
≥.01																11	SEA-6	11	3117	4562	4566

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1	2	3														18-3	6	14	14	4331
≥.14	6	3	1	1	2												30-2	13	29	29	4331
≥.13	22	13	8	1	1	1			1								54-1	47	96	96	4331
≥.12	36	25	22	10	8	5	1		1	1							60-1	109	288	288	4331
≥.11	38	32	33	27	15	17	14	11	4	1	2	1		1			84-1	196	766	778	4337
≥.10	65	55	35	29	31	19	15	14	12	12	6	6	4	2	3	8	192-1	316	1532	1569	4338
≥.08	21	18	24	16	18	13	18	15	14	12	17	9	13	1	7	62	420-1	288	3177	3284	4383
≥.06	12	11	9	8	3	7	6	9	7	9	5	12	9	6	6	87	516-1	206	3737	3901	4417
≥.05	8	6	10	5	4	5	1	9	1	4	8	3	8	9	8	82	648-1	171	3885	4091	4427
≥.04	5	3	4	3	3	3	1	3	2	2		1	4	6	2	70	810-1	113	3745	4310	4498
≥.03	3		2		3		2			1				2		48	1350-1	61	3394	4535	4633
≥.02			2				1									20	SEA-1	23	3088	4924	4954
≥.01																8	SEA-6	8	2712	4574	4576

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14	2																6-2	2	2	2	4333
≥.13		1	2														18-2	3	8	8	4333
≥.12	2	1	2	1													24-1	6	14	14	4333
≥.11	15	3	1	1	2	1	1										42-1	24	51	51	4333
≥.10	25	20	12	1	1	4	3	1	1	1	1						66-1	70	193	193	4333
≥.08	94	71	41	21	21	19	14	12	7	10	8	1	4	3	4	13	222-1	343	1579	1593	4338
≥.06	24	31	33	15	21	22	11	10	15	11	13	11	9	3	5	60	366-2	294	3111	3155	4379
≥.05	26	19	21	20	9	18	21	7	12	8	8	6	11	9	4	75	372-2	274	3437	3518	4382
≥.04	21	16	18	19	9	14	14	15	9	3	9	8	8	7	4	82	732-1	256	3646	3729	4390
≥.03	18	15	10	15	10	8	9	17	8	5	5	3	10	6	4	84	732-1	227	3688	3876	4414
≥.02	12	9	12	10	5	11	4	10	8	8	4	3	3	5	3	80	1080-1	187	3905	4120	4528
≥.01	7	6	10	6	3	7	5	3	7	9	3	3	1	2	2	72	1080-1	146	3925	4261	4589

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	2	3	1	1													24-1	7	15	15	4336
≥.14	11	8	2	1													24-1	22	37	37	4336
≥.13	23	10	5	6		2		1									48-1	47	102	102	4337
≥.12	41	20	15	5	6	5	3		2	1							60-1	98	255	259	4337
≥.11	64	38	27	22	18	8	10	4	3	3		1	1			1	108-1	200	649	662	4341
≥.10	73	56	39	29	22	26	17	14	12	6	4	5	2	6		7	180-1	318	1458	1476	4351
≥.08	38	29	28	27	19	17	10	19	14	9	12	3	10	11	6	60	456-1	312	3061	3156	4439
≥.06	21	20	13	14	18	13	11	8	8	7	7	3	6	2	4	84	606-1	239	3761	3930	4538
≥.05	16	13	13	12	7	10	10	11	4	5	6	4	4	4	1	82	1080-1	203	3980	4276	4685
≥.04	10	1	6	11	2	5	4	2	2	4	1	3	2	7	2	66	1260-1	130	3929	4462	4702
≥.03	5	3	2	2	4	1	2	1	1	5		2			1	48	1686-1	77	3865	4606	[illegible]
≥.02	2		1	1	1		1				1					25	SEA-3	32	3731	5108	[illegible]
≥.01																11	SEA-5	11	3248	4693	[illegible]

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	3	1															12-1	4	5	6	4332
≥.14	7	3		1													24-1	11	17	19	4332
≥.13	17	4	4		1	1											36-1	27	48	51	4332
≥.12	35	28	13	7	3	1	1	1		1							60-1	90	204	210	4332
≥.11	52	36	20	32	23	9	7	1	2	1	3		1		1	2	96-2	190	659	666	4335
≥.10	45	40	38	23	17	16	29	13	12	14	8	4	6	3	1	9	150-1	278	1514	1541	4347
≥.08	32	18	16	10	12	11	14	7	9	5	3	7	3	8	6	74	606-1	235	3177	3299	4490
≥.06	15	9	11	8	5	3	6	6	4	3		3	5	4	2	87	852-1	171	3758	4067	4647
≥.05	19	11	9	4	5	2	3	3	2	3	1	2	1	5	2	75	990-1	147	3916	4382	4776
≥.04	11	4	10	2	6	4	2	2	1	2	1		1	5	1	59	1056-1	111	3839	4598	4879
≥.03	4	4	3	3	4	2	5		1		1		1	1	2	48	1374-1	79	3735	4723	4897
≥.02	1	3	1	1	3		2		1					1		31	SEA-2	44	3696	4914	4981
≥.01																11	SEA-7	11	2846	4943	4957

HOURS DURATION OF EVENTS

RATIONS

WINTER

2 — 59.4N 172.0W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																	12-1	2	3	3	4331
≥.14	[illegible]	[illegible]	1			1											30-1	6	14	17	4331
≥.13	[illegible]	[illegible]	2	2							1						66-1	14	36	40	4331
≥.12	9	9	11	[illegible]	2	2	1									1	126-1	42	138	142	4331
≥.11	28	12	9	12	10	5	6	5	1	4	1					1	186-1	94	380	386	4331
≥.10	29	30	27	14	22	8	16	8	11	2	6	2	3	1		7	210-1	186	985	997	4331
≥.08	24	17	19	16	17	13	16	5	7	10	8	6	6	2	10	52	426-1	227	2521	2631	4363
≥.06	19	8	4	10	12	8	5	16	6	9	5	3	5	4	3	68	792-1	185	3258	3549	4400
≥.05	[illegible]	13	4	3	8	10	8	7	9	5	8	1	4	3	4	71	792-1	177	3514	3833	4455
≥.04	[illegible]	[illegible]	3	4	4	1	7	6	10	7	4	2	3	3	4	75	792-1	161	3697	4018	4484
≥.03	6	5	5	1	3	1	5	4	5	6	3	3	2		1	67	882-1	127	3779	4177	4513
≥.02	4	3	4	6	1	2	2	2	2	4		1		2	1	48	1374-1	92	3831	4510	4705
≥.01	[illegible]	[illegible]	1	1	1	1		1			1	1				26	SEA-1	37	4360	5305	5378

HOURS DURATION OF EVENTS

3 — 58.5N 151.6W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4333
≥.14	2	1	1														18-1	4	7	7	4333
≥.13	2	3	2														18-2	7	14	14	4333
≥.12	10	9	1	6	1												30-1	27	60	60	4333
≥.11	18	15	16	10	4	6	3	2	2			1					72-1	77	259	260	4333
≥.10	49	29	15	23	13	8	6	7	8	1	2	4	1	1		4	120-1	171	703	705	4333
≥.08	51	25	20	21	30	19	15	7	9	8	6	5	5	5	4	40	402-1	270	2224	2292	4342
≥.06	29	15	19	19	9	11	10	11	8	5	10	4	7	9	4	67	696-1	237	3179	3305	4351
≥.05	19	17	13	12	16	10	8	6	11	6	4	4	7	4	8	70	696-2	215	3468	3656	4391
≥.04	16	14	9	6	12	7	5	9	7	7	6	5	4	3	5	76	888-1	191	3661	3853	4397
≥.03	9	8	11	4	7	4	6	4	7	7	4	6	4	4	1	82	894-1	168	3849	4043	4441
≥.02	12	6	7	1	4	1	3	1	3	3	2	3	3	2	1	75	1056-1	127	3940	4229	4481
≥.01	4	2	1	1	1		1		2	3		1	1	1		41	1524-1	59	3912	4505	4603

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																	12-1	2	3	3	4333
≥.13	[illegible]	[illegible]	3														18-3	7	15	15	4333
≥.12	[illegible]	10	4	6		1	1										42-1	34	81	82	4333
≥.11	36	[illegible]	15	15	8	[illegible]	2	2		1	2	2					72-2	92	323	338	4333
≥.10	40	24	[illegible]	11	11	12	12	8	8	3	4	2	3	2		6	114-1	163	797	819	4339
≥.08	19	31	32	20	15	9	17	8	9	8	6	8	6	5	8	45	252-1	266	2269	2330	4355
≥.06	[illegible]	21	16	20	10	15	14	9	14	10	6	8	8	2	2	70	588-1	254	3127	3270	4367
≥.05	[illegible]	8	23	13	13	9	9	9	11	3	3	6	4	3	2	85	684-1	222	3396	3576	4381
≥.04	4	12	6	9	13	8	8	6	6	4	1	6	3	6	3	80	762-1	195	3582	3815	4422
≥.03	6	[illegible]	3	8	6	3	4	5	4	5	2	4	3	1	1	75	966-1	151	3764	4124	4526
≥.02	[illegible]	3	2		2	2	5		2	1		1	3	1		63	1470-1	92	4245	4715	4928
≥.01	3			[illegible]											1	24	SEA-1	29	4231	5283	5355

HOURS DURATION OF EVENTS

6 — 54.9N 167.1W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4331
≥.14	1	1															12-1	2	3	4	4331
≥.13	7	6	1														18-1	14	22	25	4332
≥.12	21	11	11	3	1			1									48-1	48	101	105	4333
≥.11	26	21	20	15	13	7	5	2		2							60-2	111	366	378	4334
≥.10	51	22	19	20	21	24	9	14	6	6	6	2	3	1		2	120-1	206	950	965	4335
≥.08	32	19	27	22	17	16	17	8	13	10	6	7	8	7	6	58	234-1	273	2605	2678	4379
≥.06	21	15	15	18	6	8	10	12	7	9	10	10	5	4	2	80	636-1	232	3460	3622	4472
≥.05	16	12	7	16	10	11	6	10	5	5	7	6	7	5	3	83	636-1	209	3761	3935	4503
≥.04	13	8	4	7	6	9	6	7	4	7	6	2	7	6	3	82	660-1	177	3847	4185	4599
≥.03	5	3	5	2	2	5	4	2	4	4	2	1	3	4	7	75	852-1	128	4025	4439	4689
≥.02	6	2	1	1			1	1		2	1		1	1	3	47	1800-1	67	4134	4773	4882
≥.01	1										1					17	SEA-5	19	3979	5063	5087

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	[illegible]																12-5	7	12	12	4333
≥.14	8	6	6														24-1	21	42	42	4333
≥.13	[illegible]	4	[illegible]	2	2	3											36-3	51	116	116	4333
≥.12	[illegible]	16	3	16	7	7	4	1	1								54-1	92	284	289	4333
≥.11	35	[illegible]	14	13	13	10	9	10	6	6	3	1	1	1		1	102-1	150	654	663	4336
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	168-1	236	1330	1365	4338
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	402-1	253	3002	3068	4376
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	618-1	191	3612	3755	4418
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	774-1	169	3790	3990	4446
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	846-1	126	4070	4274	4565
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1092-1	85	4197	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SEA-1	41	4127	4894	4960
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	SEA-6	13	3700	4984	4992

HOURS DURATION OF EVENTS

9 — 51.7N 158.8E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4332
≥.14	1	3	2														18-2	6	13	14	4332
≥.13	3	2	8	1													24-1	14	35	36	4332
≥.12	10	8	7	7	1	5		1									48-1	39	118	121	4332
≥.11	27	23	14	8	13	6	3	2	2	2				1			84-1	101	337	340	4332
≥.10	52	29	24	25	20	17	15	9	6	6	4	6		3		1	138-1	217	956	966	4337
≥.08	29	28	18	18	21	11	15	24	13	10	7	11	9	8	5	47	342-1	274	2610	2643	4386
≥.06	21	10	12	9	10	8	8	4	10	11	7	2	5	8	6	80	864-1	211	3535	3634	4416
≥.05	15	4	7	4	7	7	4	7	5	6	5	5	6	1	4	90	870-1	177	3747	3895	4463
≥.04	9	6	4	2	6	4	2	5	1	5	4	5	2	3	3	79	876-1	140	3807	4149	4545
≥.03	8	7	1		1	2	5		1	4	2	3	2	2	2	66	1368-1	106	3992	4355	4620
≥.02	6	4	3	1				2	1	1	2	1		2	2	42	1722-1	67	4125	4597	4760
≥.01	3	1	1	1				1	1					1	2	23	SEA-3	34	3958	4876	4951

HOURS DURATION OF EVENTS

11 — 51.3N 158.6W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24-1	4	8	8	4333
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36-1	14	32	32	4333
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36-3	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84-1	82	205	205	4337
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96-1	159	603	609	4342
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	168-1	245	1334	1345	4366
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330-1	285	2885	2969	4412
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	756-1	231	3675	3768	4451
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	948-1	216	3922	4098	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1140-2	162	4215	4416	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1290-1	117	4354	4760	4975
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SEA-1	61	4188	4999	5098
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	SEA-6	20	3867	5232	5248

HOURS DURATION OF EVENTS

12 — 50.9N 145.6W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14	2																6-2	2	2	2	4333
≥.13	12	7	3	1													24-1	23	39	39	4333
≥.12	19	23	14	10	5			1									48-1	72	180	188	4333
≥.11	39	25	21	16	13	10	7	4	4	1	4	2	1		1	1	102-1	149	581	593	4343
≥.10	48	37	27	22	17	20	12	13	8	8	6	5	3	1	5	13	156-1	245	1334	1355	4347
≥.08	26	24	23	19	14	10	12	8	11	9	7	3	4	2	3	67	444-1	242	2869	3001	4372
≥.06	15	6	10	5	13	7	9	7	3	8	5	6	3	2	8	71	882-1	178	3684	3859	4489
≥.05	12	10	4	8	8	6	8	6	2	2	6	2		2	3	72	1026-1	151	3835	4059	4495
≥.04	11	10	3	6	2	4	5	4	2		4	2	1		4	62	1530-1	120	3869	4214	4508
≥.03	6	7		4	1	1	2	1	2	3	1	1	1	1	2	51	1536-1	84	4056	4492	4678
≥.02	4	2	4	2		1	1				1	1			1	33	2148-1	50	3834	4705	4796
≥.01	2	1											1			17	SEA-5	21	3489	5038	5063

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18-2	7	12	12	4333
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24-3	25	46	46	4333
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60-1	97	263	270	4335
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	108-1	169	664	676	4336
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	162-1	277	1394	1412	4351
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	282-1	268	2993	3107	4385
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	612-1	231	3482	3654	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	708-1	186	3826	4107	4553
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	900-1	139	4027	4374	4633
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53	1320-1	70	4203	4705	4828
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	SEA-3	31	3983	4911	4954
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	SEA-6	11	3117	4562	4566

HOURS DURATION OF EVENTS

15 — 49.0N 128.4W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14		2															12-2	2	4	4	4333
≥.13	7	2	1			1											36-1	11	20	20	4333
≥.12	19	10	4	3		2		1									48-1	39	83	83	4333
≥.11	27	22	17	10	11	6	3	1	1		1						66-1	99	302	302	4333
≥.10	35	26	20	21	17	13	13	9	8	4	5	3	2		1	2	114-1	179	838	841	4338
≥.08	29	25	21	15	17	13	11	10	14	14	6	8	4	3	2	48	408-1	240	2397	2451	4379
≥.06	20	20	17	21	8	12	11	6	9	6	3	7	10	7	3	71	456-1	231	3293	3376	4467
≥.05	22	12	11	15	14	10	6	10	4	5	1	4	4	4	8	78	618-1	208	3600	3705	4469
≥.04	21	10	6	7	7	13	6	7	3	1	2	4	3	2	5	72	810-1	169	3864	3983	4555
≥.03	16	11	7	5	4	4	10	6	4	2	1	5	1	3	3	63	924-1	145	4006	4230	4662
≥.02	12	13	7	3	7	2	3	4	5		2	1		3	1	52	1158-1	115	4285	4698	4968
≥.01	3	3			1	3	1	1	1					1		35	1998-1	49	4405	5422	5544

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14	2																6-2	2	2	2	4333
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18-2	3	8	8	4333
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24-1	6	14	14	4333
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42-1	24	51	51	4333
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66-1	70	193	193	4333
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	222-1	343	1579	1593	4338
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	294	[illegible]	[illegible]	4379
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	372-2	274	3437	3518	4382
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	732-1	256	3646	3729	4390
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	732-1	227	3688	3876	4414
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1080-1	187	3905	4120	4528
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1080-1	146	3925	4261	4589

HOURS DURATION OF EVENTS

18 — 45.6N 144.2W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	2	4332
≥.14	4																6-4	4	4	6	4332
≥.13	16	5	1	1													24-1	23	33	37	4332
≥.12	27	17	15	5	7	2											36-2	73	173	177	4332
≥.11	43	32	5	21	9	12	6	5	5	4	2		1	1		1	96-1	147	555	572	4332
≥.10	50	24	27	32	22	13	13	11	11	10	4	6	4	1	2	13	264-1	243	1350	[illegible]	4341
≥.08	18	14	6	13	11	9	6	13	7	7	8	8	1		5	78	690-1	204	3123	[illegible]	4421
≥.06	10	11	11	6	5	6	9	4	5	4	2	3	5	2	2	77	696-1	162	3726	4014	4513
≥.05	6	4	7	7	3	6	8	2	3	2	6	3	3		3	74	852-1	137	3927	[illegible]	4670
≥.04	6	4	2	4	2	3	3	2	2	1	3	1	2		1	60	1566-1	96	4216	4674	[illegible]
≥.03	5	2	2	2	1	1	3		1		2		1		1	42	SEA-1	63	4089	[illegible]	[illegible]
≥.02	1		1					1			2					25	SEA-2	30	3745	[illegible]	[illegible]
≥.01																14	SEA-4	14	3308	[illegible]	[illegible]

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12-1	4	5	6	4332
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24-1	11	17	19	4332
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36-1	27	48	51	4333
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60-1	90	204	210	4333
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96-2	191	659	666	4333
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	150-1	278	1514	1541	4347
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	606-1	279	3177	3269	4490
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	852-1	171	3758	4067	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	990-1	147	3916	4363	4776
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1056-1	111	3839	4598	4879
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1374-1	79	3735	4723	4897
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SEA-3	44	3636	4914	4956
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SEA-4	17	2846	4947	4957

HOURS DURATION OF EVENTS

21 — 43.7N 128.7W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	3																6-3	3	3	3	4333
≥.14	3	1															12-1	4	5	5	4333
≥.13	11	6	1				1										42-1	19	33	33	4333
≥.12	24	12	11	1	2	1	1			1							60-1	53	118	118	4333
≥.11	18	17	16	14	8	4	4	2	1			1				1	102-1	86	302	302	4333
≥.10	48	30	29	19	13	10	5	5	6	3	4	1	3			6	186-1	182	779	790	4340
≥.08	39	25	21	21	15	14	10	8	14	5	4	7	10	3	6	47	300-1	249	2276	[illegible]	[illegible]
≥.06	22	17	15	15	13	13	9	11	9	9	4	9	9	4	5	70	774-1	234	3303	[illegible]	[illegible]
≥.05	17	19	13	6	7	11	7	10	7	6	7	8	7	7	4	78	780-1	214	3560	3710	[illegible]
≥.04	23	9	10	7	3	5	10	4	7	5	4	6	6	4	5	79	816-1	187	[illegible]	[illegible]	[illegible]
≥.03	12	7	8	5	3	2	3	2	5	2	3	1	4	2	2	80	822-1	143	[illegible]	[illegible]	[illegible]
≥.02	6	1	6	5	1		2	1		1	2	1	1	2		58	960-1	87	[illegible]	[illegible]	[illegible]
≥.01	1	1			1			1								36	2136-1	40	4378	[illegible]	[illegible]

HOURS DURATION OF EVENTS

2

WINTER

WAVE SLOPE (α) D

22 — 42.8N 167.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15		1															12-1	1	2	2	4333
≥.14	7	1	1														18-1	9	12	12	4333
≥.13	16	7	3	2													24-2	28	47	47	4333
≥.12	25	13	13	7	4	1		1									48-1	64	152	152	4337
≥.11	61	30	25	15	14	9	10	1	2	4	2						66-2	173	538	543	4339
≥.10	63	35	39	25	18	20	12	9	7	8	8	5	5	3	3	8	168-1	268	1332	1352	4350
≥.08	30	16	18	21	21	23	5	16	11	10	7	9	7	6	7	62	696-1	269	3185	3301	4456
≥.06	10	7	13	11	6	10	7	7	7	11	5	3	6	7	4	80	708-1	194	3860	4031	4572
≥.05	6	6	4	6	6	8	6	3	2	7	3	2	3	4	4	75	888-1	145	3945	4292	4664
≥.04	13	2	3	2	2	5	5	3	2	3	1		2		4	71	894-1	118	3907	4464	4703
≥.03	5	2	2	1	3		2	3	2	1		1	1		2	52	2052-1	77	3873	4612	4747
≥.02	1	1			1		1	1	1	1						31	SEA-3	38	3621	4932	4990
≥.01	2															11	SEA-7	13	3441	4886	4897

HOURS DURATION OF EVENTS

23 — 42.4N 172.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	6	1	1														18-1	8	11	14	4332
≥.14	8	6	1	1													30-1	17	32	41	4332
≥.13	22	16	5	2	1	1											42-1	47	92	105	4332
≥.12	42	28	15	8	4	2	2	2	2	1							60-1	106	260	276	4332
≥.11	47	37	32	28	11	10	7	2	2	4	5	2	1			1	96-1	184	685	685	4333
≥.10	67	32	46	36	32	20	6	18	12	6	8	7	2	2		5	144-1	299	1378	1422	4348
≥.08	39	31	28	21	20	20	22	15	14	10	6	8	7	6	8	58	324-1	313	2944	3124	4401
≥.06	17	19	19	23	15	16	11	10	10	11	6	5	2	5	5	80	504-1	254	3535	3842	4457
≥.05	9	16	8	11	13	2	7	4	3	6	6	6			9	80	570-1	190	3727	4086	4472
≥.04	13	9	4	7	8	4	4	5	6	5	4	2			3	72	876-1	146	3773	4288	4543
≥.03	3	5	2	3	4	2	2		4	5						49	1644-1	80	3868	4471	4624
≥.02		2							1							28	SEA-2	31	3935	5117	5155
≥.01																9	SEA-5	9	2621	4455	4458

HOURS DURATION OF EVENTS

25 — 40.2N 131.2E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12	1		1														18-1	2	4	4	4333
≥.11	2	4	4														18-4	10	22	22	4333
≥.10	30	9	7	7	2	1	1	1	1								54-1	59	137	137	4334
≥.08	78	52	40	14	24	11	12	6	8	7	3	6	2	1	6	8	150-2	278	1233	1246	4336
≥.06	59	49	46	29	18	20	16	14	14	13	8	5	6	9	5	42	306-1	353	2539	2581	4367
≥.05	46	28	44	31	30	18	15	15	12	11	14	10	5	6	5	59	312-1	349	2997	3057	4377
≥.04	40	24	44	29	25	16	15	7	16	9	11	11	8	6	12	60	330-1	333	3259	3339	4386
≥.03	31	19	30	21	26	14	11	10	7	15	8	12	6	7	6	71	648-1	294	3503	3586	4430
≥.02	23	20	16	22	20	11	7	14	6	8	7	13	5	8	3	77	660-1	260	3686	3827	4462
≥.01	16	16	7	10	13	6	2	9	2	2	5	3	3	5	3	76	1164-1	178	3779	4055	4467

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15					1												24-1	1	4	4	4334
≥.14	1							1									36-1	[illegible]	[illegible]	[illegible]	4334
≥.13	6	4	2						1								48-1	13	28	30	4334
≥.12	26	15	6	6													60-1	55	115	118	4335
≥.11	39	29	22	10	9	1	1	2	1	1	2						66-2	117	318	321	4336
≥.10	55	45	52	22	18	15	9	4	6	1	4	3	2	1		1	96-1	238	864	879	4337
≥.08	57	47	56	48	28	32	16	17	13	18	14	11	8	12	7	25	222-1	409	2567	2623	4399
≥.06	31	27	29	24	34	14	17	22	14	11	12	15	11	18	6	63	360-1	350	3404	3500	4411
≥.05	20	26	19	19	21	15	10	21	11	15	10	14	9	7	13	79	492-1	309	3713	3817	4446
≥.04	20	15	15	8	12	7	11	8	10	10	8	3	3	4	13	90	756-1	237	3923	4122	4575
≥.03	11	12	4	4	3	2	6	5	3	6	3		1	1	2	81	1152-1	144	4241	4563	4789
≥.02	5	4	2					1	1			1		1		49	2088-1	64	3872	4787	4874
≥.01		1														13	SEA-4	14	3358	4950	4962

HOURS DURATION OF EVENTS

28 — 36.1N 123.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13	1																6-1	1	1	1	4333
≥.12	1		1														18-1	2	4	4	4333
≥.11	9	3	3														18-3	15	24	24	4333
≥.10	27	15	13	8	5	1	2	1									48-1	72	181	181	4333
≥.08	59	39	25	27	21	26	18	12	7	5	1	4	3	2	4	11	132-2	264	1316	1321	4359
≥.06	56	37	25	16	23	19	13	13	20	11	10	7	7	3	5	49	372-1	314	2595	2635	4424
≥.05	54	20	31	13	20	12	16	12	15	12	10	7	7	8	8	58	630-1	303	3037	3114	4473
≥.04	52	14	25	14	10	8	15	12	12	9	9	6	9	9	5	68	630-1	277	3318	3440	4493
≥.03	51	23	19	7	14	5	7	8	7	4	6	6	7	5	7	74	1020-1	250	3626	3766	4567
≥.02	35	17	9	3	9	7	3	5	6	4	4	1	5	5	2	73	1428-1	188	3910	4185	4736
≥.01	17	8	4	1	4	1	3	1	2	2	3	2		1	2	53	SEA-2	104	4725	5407	5666

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																	6-1	1	1	1	4334
≥.14	3																6-3	3	3	3	4334
≥.13	7	3															12-3	10	13	13	4334
≥.12	20	6	4	1	2		1										42-1	34	65	65	4334
≥.11	36	24	11	6	4	3		1		1	1						66-1	87	208	208	4334
≥.10	56	35	32	18	20	10	6	3	5	3	2	1	1	2		2	138-1	196	709	713	4334
≥.08	52	28	33	22	14	23	14	13	8	6	11	5	5	4	2	41	384-1	281	2239	2497	4339
≥.06	29	27	24	19	15	16	11	14	5	15	8	8	5	2	8	61	576-1	256	3073	3378	4432
≥.05	37	17	18	16	14	4	6	7	11	7	8	6	5	3	3	71	822-1	236	3273	3618	4440
≥.04	28	16	19	16	9	5	4	6	4	15	3	6	8	2	7	70	852-1	205	3318	3985	4459
≥.03	17	13	6	6	11	3	5	2	3	2	3	6	2	4	2	58	2124-1	141	3683	4249	4548
≥.02	6	2	2	3	3	1	1		1	2	1	3	1	2		34	SEA-1	62	3602	4457	4589
≥.01																17	SEA-4	19	3185	4541	4563

HOURS DURATION OF EVENTS

31 — 35.6N 155.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14	2																6-2	2	2	2	4333
≥.13	6	2	1														18-1	9	13	13	4333
≥.12	21	4	6	2	2	1											36-1	36	71	71	4333
≥.11	39	13	13	16	3	4	2	3	1	2		1	1				78-1	98	299	299	4333
≥.10	39	41	27	15	14	10	10	6	3	6	1	6	2			5	186-1	185	813	813	4333
≥.08	34	21	28	15	22	23	17	11	12	6	14	8	4	5	4	34	774-1	258	2385	2427	4334
≥.06	40	17	15	19	13	11	17	15	10	8	8	7	1	5	8	60	792-1	254	3150	3294	4349
≥.05	28	13	16	15	9	7	14	12	9	7	11	7	3	2	5	66	792-1	224	3421	3606	4363
≥.04	26	5	15	8	12	8	4	9	7	3	6	8	3	1	9	70	714-1	194	3411	3837	4377
≥.03	8	4	8	10	8	7	3	3	5	3	3	3	3	5	3	63	1008-1	139	3508	4135	4484
≥.02	7	3	1	1	1	2	3	4	1	1		1				48	1812-1	73	3534	4428	4611
≥.01	5	1				1	1		1							24	SEA-2	33	3536	4973	5033

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13	1	2															12-2	3	5	5	4333
≥.12	9	3	2	1	1												30-1	16	30	30	4333
≥.11	21	9	8	7	2	2	2	1									48-1	52	135	135	4333
≥.10	41	27	14	12	11	8	3	1	1	2		2	2	2		1	186-1	134	519	519	4333
≥.08	45	28	19	26	13	14	11	14	10	12	3	4	4	5	5	34	672-1	238	1929	2047	4334
≥.06	18	14	16	15	26	15	12	13	10	14	7	4	8	5	5	65	672-1	226	2944	3234	4339
≥.05	28	11	10	5	13	9	9	7	12	4	7	8	3	6	4	70	714-1	215	3363	3471	4401
≥.04	25	9	7	5	7	7	4	12	4	6	5	8	3	3	4	75	702-1	184	3449	3779	4460
≥.03	19	8	10	4	4	2	7	5	6	3	2	3	4	2	1	65	1446-1	144	3493	4018	4517
≥.02	9	4	4	6	3	1		2	2	1	1	2	2	1		49	1482-1	92	3404	4308	4628
≥.01	5	4	2	3	1											28	SEA-1	46	3366	4577	4705

HOURS DURATION OF EVENTS

34 — 34.2N 155.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14	1																6-1	1	1	1	4334
≥.13	2	1															12-1	3	4	4	4334
≥.12	6		3	1													24-1	10	19	19	4334
≥.11	25	15	4	5	1	2	1			1							60-1	54	121	125	4334
≥.10	67	36	19	16	11	5	6	2	1	2			1	1			84-1	167	459	474	4336
≥.08	62	57	40	46	25	19	20	21	13	10	5	8	4	2	7	21	246-1	360	2012	2062	4342
≥.06	28	35	28	29	39	28	21	17	15	13	10	11	7	7	6	54	342-1	349	3062	3143	4390
≥.05	28	19	22	17	23	36	13	19	11	16	10	12	8	8	8	62	408-1	314	3411	3584	4426
≥.04	23	17	16	14	9	22	16	14	9	9	7	11	9	6	7	78	510-1	265	3676	3878	4452
≥.03	15	11	11	6	4	3	10	5	9	6	2	6	8	4	5	77	1140-1	189	3799	4164	4516
≥.02	6	11	4	2			2	1	1						2	59	1842-1	94	4044	4504	4666
≥.01	1	1														23	SEA-3	28	3102	4675	4713

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4334
≥.14	2																6-2	2	2	2	4334
≥.13	3	1															12-1	4	5	5	4334
≥.12	9	3	2	2													24-2	16	29	29	4334
≥.11	37	15	14	5	5	2											34-2	78	138	138	4334
≥.10	66	40	27	18	11	10	7	5	4	1	1	2					54-2	194	542	542	4336
≥.08	59	50	36	39	40	29	22	22	10	12	6	7	6	3	3	31	246-1	374	2374	2450	4343
≥.06	25	18	20	26	24	21	25	22	10	13	8	9	9	8	5	56	810-1	301	3279	3385	4384
≥.05	28	19	12	16	17	19	18	10	15	9	10	5	6	7	4	71	816-1	266	3541	3733	4381
≥.04	23	13	15	8	9	9	11	10	12	9	10	7	5	4	10	75	486-1	230	3652	3981	4409
≥.03	10	9	6	7	3	2	3	3	5	3	6		3	3	4	68	1002-1	137	3785	4312	4538
≥.02	3		1					1				2		1	1	45	1890-1	62	3588	4397	4626
≥.01																16	SEA-4	17	3428	4687	4702

HOURS DURATION OF EVENTS

37 — 32.9N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12																					4333
≥.11																					4333
≥.10	8	3	1														24-1	13	21	21	4333
≥.08	57	16	20	20	8	7	4	1	2		5	1	1	1	1	1	126-1	143	468	468	4346
≥.06	79	46	30	19	34	26	14	10	14	15	2	2	4	5	4	17	192-1	321	1709	1713	4370
≥.05	70	44	39	23	23	23	28	12	9	12	11	7	4	5	7	30	318-1	338	2226	2230	4395
≥.04	92	38	38	31	22	22	26	22	11	9	10	6	7	5	5	42	582-1	376	2683	2698	4427
≥.03	92	31	36	16	20	9	18	9	11	7	13	7	8	5	5	44	582-1	369	3179	3208	4436
≥.02	47	38	19	13	11	7	8	9	10	3	9	9	7	10	6	64	582-1	352	3344	3388	4436
≥.01	68	35	22	9	11	4	12	6	6	4	4	3	5	7	3	83	774-1	272	3574	3717	4510

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12	2																6-2	2	2	2	4333
≥.11	2	3	1	1													24-1	7	15	15	4333
≥.10	12	12	5	6	1	1											42-1	38	93	93	4333
≥.08	55	21	17	15	25	12	12	10	6	2		3	1	1	3	1	144-1	183	980	980	4335
≥.06	59	30	27	22	16	14	14	7	8	12	7	4	5	3	4	41	396-1	281	2166	2187	4383
≥.05	60	30	15	13	25	9	16	11	12	8	8	5	4	5	5	54	468-1	291	3056	3070	4412
≥.04	81	26	18	12	14	13	11	5	9	15	14	6	7	4	3	65	438-1	301	3424	3470	4446
≥.03	60	43	16	13	17	8	4	9	5	4	3	6	6	4	3	69	474-1	264	3744	3818	4456
≥.02	47	21	13	7	9	6	5	6	5	5	2	2	2	1	2	79	582-1	210	4066	4285	4492
≥.01	19	5	2	2	3		1	3	2	1	3	1	2	1	1	68	1440-1	112	4300	4835	4994

HOURS DURATION OF EVENTS

40 — 29.6N 165.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14	1																6-1	1	1	1	4333
≥.13	1	1															12-1	2	3	3	4333
≥.12	3		2														24-1	5	9	9	4333
≥.11	14	4	2	2	1												24-1	24	50	50	4333
≥.10	25	19	13	8	4	5	3	2	2								66-1	82	250	250	4333
≥.08	60	38	22	18	13	9	10	10	7	4	3	5	1	2	2	22	414-1	231	1509	1521	4333
≥.06	51	47	28	20	14	15	18	11	15	12	8	6	3	4	4	50	426-1	276	2622	2717	4380
≥.05	50	29	21	20	16	14	17	14	6	8	6	5	5	4	5	55	408-1	285	3012	3198	4420
≥.04	37	17	22	21	17	15	13	14	7	12	8	9	5	5	5	68	870-1	242	3224	3533	4464
≥.03	26	11	11	12	6	7	8	4	7	8	7	2	3	5	6	66	876-1	215	3340	3837	4528
≥.02	20	7	5	5	10	3	7	6	3	4	8			4	3	54	1104-1	139	3449	4377	4559
≥.01	4	2														24	SEA-3	33	3689	5091	5137

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12																					4334
≥.11	1	1															6-1	1	1	1	4334
≥.10	15	5	6	2													42-1	[illegible]	[illegible]	[illegible]	4334
≥.08	39	30	28	15	11	9	7	11	2	4	1	1		2	1	8	132-1	[illegible]	[illegible]	[illegible]	4334
≥.06	67	44	32	37	32	27	13	11	11	5	6	10	3	7	7	18	210-1	[illegible]	[illegible]	[illegible]	4334
≥.05	79	51	36	22	34	23	24	16	8	14	6	13	10	9	3	31	216-1	[illegible]	[illegible]	[illegible]	4364
≥.04	80	47	41	24	17	22	24	18	17	8	9	15	8	14	8	40	318-1	[illegible]	[illegible]	[illegible]	4380
≥.03	60	45	34	33	17	16	12	17	12	13	14	7	5	8	8	64	438-1	[illegible]	[illegible]	[illegible]	4395
≥.02	40	24	26	18	20	15	12	10	9	6	11	4	7	5	8	71	474-1	[illegible]	[illegible]	[illegible]	4428
≥.01	20	13	18	6	5	5	2	4	4	1	1	3	2	1	2	81	906-1	[illegible]	[illegible]	[illegible]	4474

HOURS DURATION OF EVENTS

WAVE SLOPE (α) DURATIONS (Cont'd)

23 — 42.4N 172.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	6	1	1														18-1	8	11	14	4332
≥.14	8	6	1	1	1												30-1	17	32	41	4332
≥.13	22	16	5		2	1	1										42-1	47	92	105	4332
≥.12	42	28	15	8	4	2	2	2	2	1							60-1	106	265	279	4332
≥.11	47	32	32	28	11	10	7	2	2	4	5	2	1			1	96-1	184	665	685	4333
≥.10	67	32	46	36	32	20	6	18	12	6	8	7	2	2		5	144-1	299	1378	1422	4348
≥.08	39	31	28	21	20	20	22	15	14	10	6	8	7	6	8	58	324-1	313	2944	3124	4401
≥.06	17	19	19	23	15	16	11	10	10	11	6	5	2	5	5	80	504-1	254	3535	3842	4457
≥.05	9	16	8	11	13	12	7	4	3	6	6	6			9	80	570-1	190	3727	4086	4472
≥.04	13	9	4	7	8	4	4	5	6	5	4	2			3	72	876-1	146	3773	4298	4543
≥.03	3	5	2	3	4	2	2		4	5		1				49	1644-1	80	3866	4571	4694
≥.02		2								1						28	SEA-2	31	3935	5117	5155
≥.01																9	SEA-5	9	2651	4455	4458

HOURS DURATION OF EVENTS

24 — 41.0N 134.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4333
≥.14	1	1	1														18-1	3	6	6	4333
≥.13	6	2	2														18-2	10	16	16	4333
≥.12	17	9	4	4		1			1								54-1	36	78	78	4333
≥.11	33	21	15	10	9	5	4				2					1	96-1	100	301	301	4334
≥.10	52	30	19	18	11	12	14	8	6	1	4	1	1	1		8	150-1	186	825	827	4339
≥.08	22	20	18	17	16	11	10	7	9	6	5	5	4	8		63	402-1	221	2482	2567	4379
≥.06	20	16	13	9	11	11	6	7	4	3	5	6	5	3	4	73	768-1	196	3287	3514	4407
≥.05	25	16	12	7	10	3	2	6	3	6	2	4	2	4	2	75	786-1	179	3562	3949	4641
≥.04	14	12	11	7	5	5	3	2	1	5	3	3	2		1	72	1164-1	146	3808	4214	4735
≥.03	13	11	11	6	5	4	5	3	1	1	2	3	1			55	1530-1	121	3996	4509	4862
≥.02	5	5	4	3	3	1	3		3	4	1	1	1	1		37	2178-1	72	3861	4714	4924
≥.01	4	1	2		1		1		3							24	SEA-4	36	3923	4890	4981

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15				1													24-1	1	4	4	4334
≥.14	1					1											36-1	2	7	9	4334
≥.13	6	4	2					1									48-1	13	28	30	4335
≥.12	26	15	6	6			1			1							60-1	55	115	118	4335
≥.11	39	29	22	10	9	1	1	2	1	1	2						66-2	117	318	321	4336
≥.10	55	45	52	22	18	15	9	4	6	1	4	3	2	1		1	96-1	238	864	879	4337
≥.08	57	47	56	48	28	32	16	17	13	18	14	11	8	12	7	25	222-1	409	2567	2623	4399
≥.06	31	27	29	24	24	14	17	22	14	11	12	15	11	18	8	63	360-1	350	3404	3500	4411
≥.05	20	26	19	19	21	15	10	21	11	15	10	14	9	7	13	79	492-1	309	3712	3832	4446
≥.04	20	15	15	8	12	7	11	8	10	10	8	3	3	4	13	90	756-1	237	3923	4122	4525
≥.03	11	12	4	4	3	2	6	5	3	6	3		1		2	81	1152-1	144	4241	4563	4789
≥.02	5	4	2			1				1			1			49	2088-1	64	3872	4787	4874
≥.01																13	SEA-4	14	3358	4920	4962

HOURS DURATION OF EVENTS

27 — 36.2N 127.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14	1																6-1	1	1	1	4333
≥.13			1														18-1	1	3	3	4333
≥.12	7	1	1	1													24-1	10	16	16	4333
≥.11	14	5	5	2	1					1							60-1	28	62	62	4333
≥.10	26	22	7	14	11	3	2	2		1	1	1					72-1	90	283	286	4333
≥.08	44	19	17	12	16	20	25	16	9	6	6	3	5	4	2	19	240-1	223	1513	1530	4355
≥.06	41	25	20	12	12	16	10	17	10	8	11	5	3	6	7	56	414-1	259	2600	2677	4386
≥.05	42	27	27	8	8	11	13	12	12	8	10	7	6	4	4	66	558-1	265	3006	3088	4405
≥.04	44	22	17	12	12	7	12	6	11	16	9	6	5	4	6	69	564-1	258	3286	3425	4436
≥.03	40	20	12	3	7	9	9	6	1	11	4	7	7	2	5	70	684-1	213	3628	3875	4592
≥.02	26	14	9	3	3	3	6	5		4	1	3	4	4	2	75	1086-1	162	3991	4286	4762
≥.01	4	1	2	1	1	1		1	1	4	1	1	2	1	1	49	1914-1	71	4828	5350	5515

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4334
≥.14	3																6-3	3	3	3	4334
≥.13	7	3															12-3	10	13	13	4334
≥.12	20	6	4	1	2			1									42-1	34	65	65	4334
≥.11	36	24	12	6	4	3		1		[illegible]							66-1	87	208	208	4334
≥.10	57	38	32	18	16	6	3	5	3	2	1	1		2			138-1	180	709	713	4334
≥.08	55	28	33	22	14	23	14	13	8	6	11	5	4	2	4	41	384-1	281	2239	2497	4339
≥.06	26	27	23	22	11	14	9	13	15	2	8	8	9	5	3	61	576-1	256	3073	3378	4353
≥.05	28	16	19	16	9	5	12	4	15	13	6	6	5	3	2	71	822-1	230	3364	3768	4424
≥.04	14	14	14	12	9	6	7	4	4	5	7	11	6	1	4	66	822-1	202	3458	3965	4456
≥.03	17	13	6	6	11	3	5	2	3	2	3	6	2	4	2	75	2124-1	143	3683	4249	4548
≥.02	6	2	2	3	3		1			1		1		1		34	SEA-1	62	3602	4457	4589
≥.01	2															17	SEA-4	19	3185	4541	4563

HOURS DURATION OF EVENTS

30 — 35.7N 176.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4334
≥.14	1	2															12-2	3	5	5	4334
≥.13	9	2	1														18-1	12	16	16	4334
≥.12	12	6	1	5													24-5	24	47	47	4334
≥.11	33	22	14	7	4	2	1										42-1	83	186	186	4334
≥.10	67	46	31	24	18	11	8	5	3	1	2	1		1			84-1	218	685	693	4334
≥.08	38	30	35	21	19	19	16	9	18	18	8	7	6	3	4	44	390-1	295	2395	2466	4341
≥.06	25	23	24	14	17	12	11	7	12	6	12	8	5	5	8	63	486-1	252	3158	3532	4381
≥.05	23	14	10	15	10	17	10	7	7	6	8	6	8	3	6	72	600-1	222	3445	3824	4411
≥.04	28	7	7	13	9	13	9	6	5	2	9	2	4	3		75	630-1	199	3535	3999	4427
≥.03	14	5	9	8	8	4	5	4	3	5	3	2	3	3	1	64	972-1	145	3533	4193	4521
≥.02	7	1	4	2	1	2	3	4	1		3					45	1866-1	74	3499	4534	4653
≥.01	2											1	1	1		18	SEA-4	23	3466	5027	5054

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13	1	2															12-2	3	5	5	4333
≥.12	9	3	2	1	1												30-1	16	30	30	4333
≥.11	21	9	8	7	2	2	2	1									48-1	50	119	135	4333
≥.10	41	27	14	15	11	8	3	3	1		1	2	2	2		3	186-1	134	519	519	4333
≥.08	45	28	19	29	18	13	14	11	14	10	4	3	4	5	4	34	372-1	235	1928	1954	4339
≥.06	18	14	16	17	15	12	13	10	12	5	7	3	8	5	5	66	642-1	226	3054	3115	4361
≥.05	28	10	10	5	12	9	9	7	12	4	7	8	3	4	5	80	702-1	215	3263	3477	4363
≥.04	29	9	9	5	[illegible]	7	[illegible]	12	4	6	2	6	3	4	4	[illegible]	744-1	184	3378	3779	4440
≥.03	19	8	10	4	4	3	7		2	5	2	2	3	2	1	65	1446-1	144	3493	4018	4477
≥.02	9	4	4	6	3	3			2	5	1	2	2	3	1	49	1482-1	92	3404	4338	4628
≥.01	4	2	2	2	1	3	1				2					[illegible]	SEA-1	46	3366	4517	4705

HOURS DURATION OF EVENTS

33 — 34.6N 145.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13	3																6-3	3	3	3	4334
≥.12	6	1	1	1													24-1	9	15	15	4334
≥.11	14	7	2	3													66-1	28	64	64	4334
≥.10	47	27	16	5	3	7	2	2									78-2	111	282	284	4336
≥.08	72	54	45	37	33	23	11	8	9	7	5	4	6	2	1	7	162-1	324	1421	1447	4358
≥.06	54	52	61	47	40	23	24	13	19	6	11	14	11	4	4	26	282-1	409	2513	2570	4395
≥.05	56	52	43	43	36	25	24	23	19	11	9	7	4	8	6	43	306-1	420	3043	3103	4413
≥.04	52	39	49	22	25	18	25	18	20	18	16	8	7	7	5	58	318-1	391	3317	3420	4440
≥.03	35	25	21	15	29	18	17	15	12	11	10	10	5	2	6	68	312-1	313	3590	3682	4479
≥.02	18	15	8	10	5	5	9	6	8	3	6	4	5		3	84	738-1	189	4019	4273	4644
≥.01	8	6	1	1				1	1	1	1			1	1	43	SEA-1	64	3472	4614	4730

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4334
≥.14	2																6-2	2	2	2	4334
≥.13	3	1	1														24-1	5	10	10	4334
≥.12	9	3	2	2													24-2	16	29	29	4334
≥.11	37	15	14	3	5	2											36-2	76	158	158	4334
≥.10	75	35	22	18	13	10	7	5	4	1	1	2					72-2	193	578	585	4334
≥.08	59	50	38	39	40	29	22	22	10	12	6	7	7	6	3	31	246-1	379	2374	2450	4336
≥.06	25	18	20	26	24	23	22	19	10	13	8	9	8	8	5	55	810-1	301	3279	3385	4362
≥.05	21	19	19	17	17	19	18	10	12	9	10	7	5	4	2	61	732-1	286	3430	3557	4391
≥.04	12	13	15	8	9	9	10	10	12	9	10	7	5	4	10	75	498-2	256	3652	3981	4409
≥.03	10	9	6	7	3	3	3	5	3	3	6	1	3	3	4	68	1002-1	197	3785	4312	4538
≥.02	3	1	1	1	3	1	2	1	1	3		2	1	1	1	45	1398-1	65	3620	4487	4576
≥.01																16	SEA-4	17	3428	4687	4702

HOURS DURATION OF EVENTS

36 — 33.7N 123.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12																					4333
≥.11	2	1															12-1	3	4	4	4333
≥.10	14	11	9	1	4												30-4	39	67	67	4333
≥.08	59	38	38	21	21	14	10	11	5	10	9	2	2	1	1	6	228-1	248	1151	1166	4333
≥.06	33	37	42	29	30	20	13	14	20	7	6	10	8	5	4	42	454-1	309	2500	2523	4345
≥.05	32	21	20	21	25	19	19	20	13	17	7	12	9	8	6	37	360-1	298	2938	3013	4368
≥.04	42	25	25	25	20	24	17	13	13	11	15	4	9	6	7	61	570-1	314	3182	3238	4361
≥.03	29	27	20	24	23	18	15	22	11	9	9	13	8	6	4	72	570-1	288	3358	3439	4383
≥.02	26	13	18	14	12	11	14	8	5	7	16	4	5	5	4	82	576-1	244	3504	3635	4370
≥.01	19	11	10	7	6	6	3	5	7	3	3	6	5	8	4	81	966-1	177	3642	3885	4393

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12	2																6-2	2	2	2	4333
≥.11	2	3	1	1													24-1	7	15	15	4333
≥.10	12	12	5	6	1	1	1										42-1	38	93	93	4333
≥.08	33	23	17	15	25	12	12	10	6	2	[illegible]						144-1	136	380	389	4333
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	47	21	13	4	7	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79	1092-1	210	3820	4060	4702
≥.01	19	5	2	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1440-1	112	4300	4622	4954

HOURS DURATION OF EVENTS

39 — 29.9N 177.3W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12	4																6-4	4	4	4	4334
≥.11	12	4	4	1	1	1	1	1									54-1	24	56	56	4334
≥.10	34	22	9	3	9	3	4	4	1								84-1	91	275	275	4334
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	65	22	18	20	18	14	14	10	10	12	8	6	11	3	6	63	1248-1	300	3304	3515	4407
≥.03	44	22	13	17	14	11	10	10	7	12	7	5	5	3	4	72	1254-1	256	3508	3706	4420
≥.02	26	9	13	10	5	5	4	4	2	7	8	5	7	2	2	57	1260-1	166	3882	4127	4557
≥.01	7	2	1	3		3	1		1		1				3	44	1860-1	66	4011	4895	5037

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12	1																6-1	1	1	1	4334
≥.11	2																12-1	2	3	3	4334
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24-2	28	51	51	4334
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	126-1	162	634	641	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	210-1	328	1829	1856	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	216-1	379	2381	2395	4350
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	336-1	391	2760	2810	4399
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	336-1	352	3127	3182	4452
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	474-1	295	3492	3607	4483
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	780-1	185	3726	4281	4678

HOURS DURATION OF EVENTS

42 — 28.6N 139.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					[illegible]
≥.14																					[illegible]
≥.13																					[illegible]
≥.12	2																6-2	2	2	2	[illegible]
≥.11	2	2		1													24-1	5	10	10	[illegible]
≥.10	16	6	6	3	2	1				1							60-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	42	14	18	11	12	11	6	9	4	2	6	4	4	3	1	10	[illegible]	[illegible]	912	916	[illegible]
≥.06	70	20	30	15	21	13	10	6	13	6	11	9	8	4	5	40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	66	21	25	12	18	10	11	7	12	9	10	6	8	8	1	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	50	25	17	13	7	13	16	9	9	11	9	6	6	[illegible]	6	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	21	12	6	9	7	10	7	11	6	8	5	5	[illegible]	4	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	28	13	9	5	5	2	7	1	5	5	4	2	1	1	1	80	[illegible]	174	[illegible]	[illegible]	[illegible]
≥.01	16	7	7	2	1	1	1	1	1			2		2		57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

WAVE SLOPE (α) DURATIONS (Cont'd)

43 28.2N 125.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12	1	1															12-1	2	3	3	4334
≥.11	6		1	1		1											36-1	9	19	19	4334
≥.10	25	16	12	14	5	2			2	1	1			1			84-1	79	239	241	4336
≥.08	45	20	27	18	17	17	15	12	12	9	7	3	3	6	3	25	294-1	239	1676	1711	4346
≥.06	44	19	25	18	11	12	24	8	9	3	6	13	4	3	7	60	390-1	266	2822	2910	4376
≥.05	38	17	19	24	15	14	13	8	14	8	3	10	5	5	3	68	576-1	264	3146	3259	4395
≥.04	45	16	25	17	14	11	14	8	14	8	7	8	1	5	5	70	588-1	268	3410	3529	4399
≥.03	35	16	13	12	16	11	12	8	10	7	10	7	4	7	3	73	594-2	244	3598	3728	4413
≥.02	24	10	13	7	9	7	6	6	5	7	4	5	5	6	3	71	648-1	188	3759	3992	4459
≥.01	13	4	10	2	2	2		2		1	1	4		4		60	1152-1	105	3850	4314	4538

HOURS DURATION OF EVENTS

44 27.9N 150.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12	1																6-1	1	1	1	4334
≥.11	2	4	1														18-1	7	13	13	4334
≥.10	19	4	6	2		2											36-2	33	65	65	4334
≥.08	65	38	27	24	14	15	15	5	7	1	3	4	1	1		2	144-1	222	845	854	4341
≥.06	71	52	35	35	31	28	12	17	12	16	9	9	5	6	5	17	210-1	360	2009	2041	4360
≥.05	92	51	51	32	32	25	23	13	14	14	9	14	9	6	8	30	342-1	423	2567	2609	4382
≥.04	85	38	45	19	33	19	19	18	12	8	9	9	10	9	11	55	354-1	399	2950	3066	4388
≥.03	64	33	37	13	22	20	18	15	11	5	9	13	7	5	8	73	528-1	353	3330	3449	4417
≥.02	43	21	10	11	10	8	6	10	9	3	8	2	7	4	4	87	696-1	243	3683	3873	4452
≥.01	8	5	7	3	3	4	2	2	2	3		1			2	45	1938-1	87	4055	4894	5068

HOURS DURATION OF EVENTS

46 26.1N 170.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12																					4334
≥.11																					4334
≥.10	18	3	4	2				1									48-1	28	52	52	4334
≥.08	57	26	16	13	9	10	6	5	4	3	2	1	1	2	2	8	186-1	165	729	737	4354
≥.06	91	40	28	38	22	17	15	15	8	6	9	6	7	4	4	20	288-1	330	1825	1855	4406
≥.05	97	59	37	24	19	17	18	18	11	13	8	8	4	5	9	33	372-1	380	2386	2456	4433
≥.04	78	52	41	26	19	9	21	21	13	16	9	10	4	3	5	50	432-1	377	2833	2933	4451
≥.03	53	38	29	29	25	7	19	12	18	13	9	9	2	4	5	61	438-1	333	3109	3303	4460
≥.02	59	20	19	16	17	10	12	9	11	7	13	3	3	4	3	70	798-1	276	3654	3955	4702
≥.01	15	5	6	5	3	2		3	2	1		1	2	4	1	49	SEA-1	99	4089	4725	4958

HOURS DURATION OF EVENTS

47 25.0N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12																					4333
≥.11																					4333
≥.10	1																6-1	1	1	1	4333
≥.08	34	11	10	6	1	3	1		1		1					1	132-1	69	182	190	4333
≥.06	111	37	34	18	15	18	8	9	11	8	8	4	2	5	1	15	336-1	304	1483	1501	4365
≥.05	105	43	34	18	13	10	12	12	10	13	11	5	10	3	7	29	348-1	335	2056	2106	4381
≥.04	111	45	28	16	10	22	11	9	10	7	9	9	11	4	4	47	354-2	353	2528	2586	4430
≥.03	100	34	25	9	13	12	10	10	4	11	10	1	5	4	4	63	558-1	315	2862	2978	4446
≥.02	62	23	21	14	10	6	10	6	8	9	4	4	5	1	4	69	1770-1	256	3658	3798	4814
≥.01	41	9	9	11	4	2	3	2	4	4	3	1	3	4	2	64	SEA-1	166	4575	4770	5367

HOURS DURATION OF EVENTS

49 22.6N 128.0E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12	1																6-1	1	1	1	4334
≥.11	1	1			1												30-1	3	8	8	4334
≥.10	16	7	7		1				1				1				78-1	33	78	78	4334
≥.08	79	15	23	7	15	15	14	8	4	9	4	2	6	1	2	15	306-1	219	1223	1224	4337
≥.06	53	31	18	17	16	13	7	6	15	6	10	8	6	3	6	45	648-1	260	2526	2600	4357
≥.05	76	18	19	10	13	12	17	9	6	6	11	8	6	4	7	56	732-1	278	2943	3018	4374
≥.04	63	22	22	10	7	9	12	5	9	8	8	11	6	7	2	65	738-1	266	3243	3324	4384
≥.03	53	14	13	7	5	10	10	6	9	4	8	5	5	7	4	65	738-1	225	3458	3636	4408
≥.02	27	13	9	7	4	4	7	4	5	5	5	1	2	1	1	64	1884-1	159	3508	4068	4522
≥.01	7	2	3	3				1	1			1	1			34	1890-1	53	3703	4578	4695

HOURS DURATION OF EVENTS

50 21.7N 162.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13	1																6-1	1	1	1	4334
≥.12	1																6-1	1	1	1	4334
≥.11			1														18-1	1	3	3	4334
≥.10	3	2	2			1											36-1	8	19	19	4334
≥.08	68	33	16	10	11	8	7	3	5	5		1		1		4	222-1	172	619	629	4363
≥.06	73	36	33	15	18	9	12	11	3	9	6	5	3	6	1	33	420-1	273	1910	1973	4415
≥.05	77	31	26	17	16	10	9	14	9	8	3	4	7	2	4	48	642-1	285	2392	2462	4445
≥.04	104	41	24	17	15	7	12	9	7	8	8	6	4	3	3	55	648-1	323	2881	2958	4524
≥.03	109	24	24	14	18	6	10	4	8	9	5	2	9	7	5	59	1386-1	313	3448	3535	4742
≥.02	67	22	15	14	12	11	6	2	11	4	9	3	6	2	6	65	1398-1	255	3647	4162	4941
≥.01	25	6	2	1	3	2	6	1	3	2	1	2	3	3	1	54	SEA-1	115	3803	4715	4989

HOURS DURATION OF EVENTS

52 19.2N 127.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12																					4333
≥.11																					4333
≥.10	5																6-5	5	5	5	4333
≥.08	105	30	21	14	14	6	6	6	5		2	3	2	1	1	5	252-1	221	759	760	4335
≥.06	76	27	22	19	19	8	11	8	7	3	8	1	5	2	3	69	648-1	288	2867	2948	4427
≥.05	60	23	20	14	6	9	8	8	5	4	6	2	6	3	3	72	708-1	249	3274	3454	4476
≥.04	59	26	14	8	9	4	5	6	2	4	3	3	3	1	6	70	1128-1	223	3634	3873	4632
≥.03	37	14	13	5	7	7	6	3	2	1	2	6	1		1	60	1374-1	165	3794	4318	4850
≥.02	34	9	7	7	8	3	5	1	3	2	1	4	2			46	1854-1	132	4471	5022	5368
≥.01	4	3	3	3	1			2	1						1	31	SEA-5	49	4718	5777	5900

HOURS DURATION OF EVENTS

53 18.5N 120.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14	1																6-1	1	1	1	4334
≥.13	2				1												30-1	3	7	7	4334
≥.12	7				2												30-2	9	17	17	4334
≥.11	20	7	3	2	1	1	1	1				1	1				78-1	38	102	102	4334
≥.10	65	19	12	7	7	6	5	4	2	1	5				1	7	210-1	141	562	569	4334
≥.08	60	23	18	14	7	12	7	4	6	9	6	6	6	4	2	45	570-1	229	2226	2287	4359
≥.06	44	15	18	11	5	9	8	6	6	8	7	5	6	6	3	59	726-1	216	2987	3184	4387
≥.05	69	19	15	4	6	5	11	5	6	5	5	4	4	2	7	64	738-1	231	3264	3365	4400
≥.04	57	30	20	4	5	1	10	4	6	3	4	2	5	3	3	59	792-1	216	3331	[illegible]	4402
≥.03	40	20	18	7	3	4	5	1	5	5	5	1	4		1	53	1104-1	172	3413	[illegible]	4435
≥.02	20	5	10	4	4	4	1	4	2	2	2	1	1	3	1	45	2010-1	109	3552	[illegible]	4471
≥.01	5		2			1	1			1	1			1		26	SEA-1	38	3513	[illegible]	4805

HOURS DURATION OF EVENTS

55 17.6N 138.5E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12							1										42-1	1	7	7	4334
≥.11	8	6	1		1	1						1					72-1	18	46	46	4334
≥.10	31	13	8	9	3	2	2		1	3	1	1	1		1	1	96-1	77	264	264	4334
≥.08	69	27	21	16	15	8	7	11	5	7	7	3	5	2	2	37	402-1	242	1811	1831	4335
≥.06	44	21	21	7	9	6	8	8	4	8	4	9	2	1	3	67	672-1	222	2987	3185	4385
≥.05	69	20	13	6	10	4	9	4	3	4	4	3	5	3	1	70	810-1	228	3337	3585	4445
≥.04	46	16	11	5	8	4	6	4	2	1	4	2	4	2	4	65	912-1	184	3721	4028	4664
≥.03	34	12	8	2	5	3	4	3	3	1	2	5	2	1	2	52	2076-1	139	3983	4380	4806
≥.02	20	4	5	2	2	1	4		1	1		4	1	1	4	44	SEA-1	94	4306	4884	5128
≥.01	2	1	4					1			2		1		1	22	SEA-3	34	3990	5025	5091

HOURS DURATION OF EVENTS

56 17.6N 111.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12																					4333
≥.11																					4333
≥.10																					4333
≥.08	60	19	10	7	5	3	2	1	1	1			1				78-1	110	253	256	4333
≥.06	128	65	44	39	26	18	13	10	7	6	3	4	2	2	4	10	162-1	381	1462	1479	4339
≥.05	149	69	56	28	31	15	21	8	8	10	7	3	6	6	5	27	162-3	449	2085	2117	4339
≥.04	129	65	58	27	21	23	17	14	9	7	8	14	8	5	5	40	300-1	450	2622	2676	4357
≥.03	119	60	40	29	16	17	14	14	6	4	8	14	10	3	7	56	384-1	417	3017	3081	4376
≥.02	78	31	27	16	17	12	4	12	10	3	9	8	6	4	4	73	552-1	314	3463	3575	4425
≥.01	34	8	10	11	5	5	5	2	3		2	1	5	5	2	60	SEA-1	158	4330	4921	5263

HOURS DURATION OF EVENTS

58 14.5N 127.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12	2																6-2	2	2	2	4334
≥.11	2	3	2				1	1									48-1	9	29	29	4334
≥.10	18	5	6	4	1	1	6			2				1		2	114-1	46	184	187	4334
≥.08	57	30	14	9	4	5	3	5	8	5	7	3	2	1	3	33	318-1	189	1497	1578	4334
≥.06	61	27	24	18	12	4	10	4	3	4	3	3	6	8	2	52	552-1	241	2743	2861	4355
≥.05	58	23	18	11	9	9	4	8	4	4	6	5	2	2	2	58	738-1	223	3038	3327	4425
≥.04	59	19	15	11	15	4	6	4	6	2	3	5	5	1	2	49	1032-1	206	3122	3632	4441
≥.03	49	15	14	6	7	7	4	1	4	5	1			3	4	44	1800-1	164	3412	3956	4454
≥.02	18	5	8	3	3	1	1	2	2	2	1	1	1			29	SEA-1	77	3129	4326	4513
≥.01	4	2	1	1	1	1			1		1				1	17	SEA-3	30	3382	4777	4823

HOURS DURATION OF EVENTS

59 14.0N 160.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12																					4334
≥.11																					4334
≥.10	2	1															12-1	3	4	4	4334
≥.08	65	24	16	7	7	3	6	3	2	4	7		2	4		7	270-1	157	727	745	4375
≥.06	79	29	21	8	7	13	13	10	3	6	7	3	7	3	3	49	612-1	261	2461	2640	4480
≥.05	76	24	16	13	6	7	3	10	10	3	4	4	3	2	3	54	912-1	238	3083	3114	4577
≥.04	63	26	18	4	7	4	7	6	4	5	7	3	5	2	5	51	1320-1	217	3101	3676	4662
≥.03	65	23	10	1	9	4	6	1	1	4	4	2	3	3	3	41	2064-1	180	3304	4076	4792
≥.02	36	14	10	4	2	2	3	4	1	1	2	2	4	1	1	33	SEA-2	120	3477	4780	5208
≥.01	16	3	7	4	1	3		1		2					1	25	SEA-7	63	4345	[illegible]	5385

HOURS DURATION OF EVENTS

61 12.0N 156.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12																					4334
≥.11																					4334
≥.10	5		2	1	1			1									48-1	10	28	28	4334
≥.08	77	23	24	5	10	4	8	9	4	6	1	3	3		4	15	258-1	196	1006	1036	4349
≥.06	95	15	13	13	17	9	7	4	4	7	6	6	6	2	5	52	486-1	261	2751	3019	4398
≥.05	57	20	19	8	6	5	5	5	3	4	5		8	2	3	55	1026-1	205	3536	3928	4818
≥.04	53	12	11	6	10	3	2	5	2		1		3	2	4	56	1224-1	170	3787	4375	4957
≥.03	38	8	8	2	5	3	2	3	1	2	1	1	1	2		38	1734-1	115	3736	4828	5155
≥.02	8	1		1	2	2	2		1		2	1				27	SEA-3	47	3391	5001	5161
≥.01	1	1		3		1					1	1				19	SEA-7	25	4092	5245	5315

HOURS DURATION OF EVENTS

62 4.1N 106.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12																					4334
≥.11																					4334
≥.10	2																6-2	2	2	2	4334
≥.08	2	4		2	1	1								1		2	126-1	13	80	91	4334
≥.06	23	9	10		1		5	1	1	3	2	1		1		5	228-1	62	320	339	4334
≥.05	31	13	11	2	1	3	5				3	3	2	1	2	8	[illegible]	85	538	621	4334
≥.04	32	10	4	3	4	4	2	7	2	1	3	2	2	4	3	25	714-1	108	1224	1251	4334
≥.03	16	11	5	1	4	2	6	4		4	2		1	4	5	41	1038-1	106	2262	2465	4335
≥.02	9	6	5		3		1	3	2	1		2		2	1	46	1074-1	81	2510	3269	4375
≥.01	3		4	1	1	1	1		[illegible]			1	1	1		39	1332-1	55	3029	3927	4493

HOURS DURATION OF EVENTS

44 — 27.9N 150.7E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12	1																6-1	1	1	1	4334
≥.11	2	4	1														18-1	7	13	13	4334
≥.10	19	4	6	2		2											36-2	33	65	65	4334
≥.08	65	38	27	24	14	15	15	5	7	1	3	4	1	1		2	144-1	222	845	854	4341
≥.06	71	52	35	35	31	28	12	17	12	16	9	9	5	6	5	17	210-1	360	2009	2061	4360
≥.05	92	51	51	32	32	25	23	13	14	14	9	14	9	6	8	30	342-1	423	2567	2609	4382
≥.04	85	38	45	19	33	19	19	18	12	8	9	9	10	9	11	55	354-1	399	2950	3066	4388
≥.03	64	33	37	13	22	20	18	15	11	5	9	13	7	5	8	73	528-1	353	3330	3449	4417
≥.02	43	21	10	11	10	8	6	10	9	3	8	2	7	4	4	87	696-1	243	3683	3873	4452
≥.01	8	5	7	3	3	4	2	2	2	3		1			2	45	1938-1	87	4055	4894	5068

HOURS DURATION OF EVENTS

45 — 27.8N 145.6W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12																					4333
≥.11	5	2	2		1												30-1	10	20	20	4333
≥.10	17	7	7	3	3	1	1	2									48-2	41	108	108	4333
≥.08	54	28	24	9	11	8	6	5	14	2	4	4	1	3		19	228-1	192	1091	1093	4342
≥.06	45	32	25	26	18	17	14	12	13	8	8	7	4	1	7	41	384-1	278	2544	2607	4367
≥.05	61	26	22	15	15	9	16	6	17	15	10	9	4	8	7	54	426-1	294	3063	3150	4431
≥.04	41	21	16	7	13	12	13	10	8	13	8	5	8	4	7	70	756-1	256	3463	3602	4563
≥.03	36	17	10	7	9	5	8	3	8	5	9	7	6	3	5	76	762-1	214	3700	3808	4628
≥.02	33	10	6	11	5	1	3	2	5	3	4	2	2	2	3	72	942-1	164	3893	4321	4799
≥.01	10	2	4	1	1	3	1	1	1	2	1				1	45	1656-1	73	4089	5021	5210

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12																					4333
≥.11																					4333
≥.10	1																6-1	1	1	1	4333
≥.08	34	11	10	6	1	3	1		1		1					1	132-1	69	182	190	4333
≥.06	111	37	34	18	15	18	8	9	11	8	8	4	2	5	1	15	336-1	304	1483	1501	4365
≥.05	105	43	34	18	13	10	12	12	10	13	11	5	10	3	7	29	348-1	335	2056	2106	4381
≥.04	111	45	28	16	10	22	11	9	10	7	9	9	11	4	4	47	354-2	353	2528	2586	4430
≥.03	100	34	25	9	13	12	10	10	4	11	10	1	5	4	4	63	558-1	315	2882	2978	4446
≥.02	62	23	21	14	10	6	10	6	8	9	4	4	5	1	4	69	1770-1	256	3658	3798	4814
≥.01	41	9	9	11	4	2	3	2	4	4	3	1	3	4	2	64	SEA-1	166	4575	4770	5367

HOURS DURATION OF EVENTS

48 — 23.5N 151.8W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12																					4334
≥.11																					4334
≥.10	11	4															12-4	15	19	19	4334
≥.08	50	22	18	11	9	8	8	5	2	3	4	2	1	3	2	8	282-1	156	786	790	4354
≥.06	76	34	22	12	22	10	8	12	7	12	9	6	4	5	2	38	762-1	279	2241	2328	4448
≥.05	68	21	17	19	20	15	11	7	7	9	7	12	4	2	8	50	786-1	277	2654	2874	4502
≥.04	74	39	15	11	19	15	14	7	9	10	1	5	8	10	4	58	798-1	299	3029	3297	4534
≥.03	73	28	10	8	12	14	14	6	8	5	9	5	3	8	2	67	804-1	272	3378	3675	4556
≥.02	35	20	9	3	7	6	4	6	5	5	5	1	4	5		71	1266-1	186	4228	4575	4997
≥.01	6	2						1			1					34	SEA-2	44	4526	5578	5649

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13	1																6-1	1	1	1	4334
≥.12	1																6-1	1	1	1	4334
≥.11			1														18-1	1	3	3	4334
≥.10	3	2	2			1											36-1	8	19	19	4334
≥.08	68	33	16	10	11	8	7	3	5	5		1		1		4	222-1	172	619	629	4363
≥.06	73	36	33	15	18	9	12	11	3	9	6	5	3	6	1	33	420-1	273	1910	1973	4415
≥.05	77	31	26	17	16	10	9	14	9	8	3	4	7	2	4	48	642-1	285	2392	2462	4445
≥.04	104	41	24	17	15	7	12	9	7	8	8	6	4	3	3	55	648-1	323	2881	2958	4524
≥.03	109	24	24	14	18	6	10	4	8	9	5	2	9	7	5	59	1386-1	313	3448	3535	4742
≥.02	67	22	15	14	12	11	6	2	11	4	9	3	6	2	6	65	1398-1	255	3647	4162	4941
≥.01	25	6	2	1	3	2	6	1	3	2	1	2	3	3	1	54	SEA-1	115	3803	4715	4989

HOURS DURATION OF EVENTS

51 — 20.5N 177.1W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12																					4334
≥.11																					4334
≥.10	4	1	1	1					1								54-1	8	22	22	4334
≥.08	32	19	9	9	6	4	4	2		4	1	2	1	1	1	9	306-1	104	574	602	4371
≥.06	63	39	22	18	11	10	11	9	5	5	4	5	3	5	3	40	636-1	253	2084	2143	4563
≥.05	73	38	23	20	14	13	8	7	10	4	4	3	4	2	2	49	1032-1	274	2548	2660	4580
≥.04	86	33	23	15	15	11	5	9	12	2	5	4	3	3	4	53	1032-1	283	2927	3045	4587
≥.03	71	28	17	17	8	9	8	4	11	4	7	2	2	1	4	62	SEA-1	255	3339	3659	4847
≥.02	50	24	16	8	13	5	10	4	7	4	6	3	5	2	3	60	SEA-1	220	3569	4220	5008
≥.01	17	5	5	3	3	2	2	2	2	2		2			2	47	SEA-1	92	4212	5195	5438

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14	1																6-1	1	1	1	4334
≥.13	2				1												30-1	3	7	7	4334
≥.12	7				2												30-2	9	17	17	4334
≥.11	20	7	3	2	1	1	1	1				1	1				78-1	38	102	102	4334
≥.10	65	19	12	7	7	6	5	4	2	1	5				1	7	210-1	141	562	569	4334
≥.08	60	23	18	14	7	12	7	4	6	9	6	6	6	4	2	45	570-1	229	2226	2287	4359
≥.06	44	15	18	11	5	9	8	6	6	8	7	5	6	6	3	59	726-1	216	2987	3084	4387
≥.05	69	19	15	4	6	5	11	5	6	5	5	4	4	2	7	64	738-1	231	3264	3365	4400
≥.04	57	30	20	4	5	1	10	4	6	3	4	2	5	3	3	59	792-1	216	3331	3577	4402
≥.03	40	20	18	7	3	4	5	1	5	5	5	1	4		1	53	1104-1	172	3413	3826	4435
≥.02	20	5	10	4	4	4	1	4	2	2	2	1	1	3	1	45	2010-1	109	3552	4157	4471
≥.01	5		2			1	1			1	1			1		26	SEA-1	38	3513	4713	4805

HOURS DURATION OF EVENTS

54 — 18.2N 168.8E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12																					4333
≥.11		1	1	1					1								54-1	4	18	18	4333
≥.10	10	5	2	2				1	1	2		1					72-1	24	83	87	4333
≥.08	70	22	10	7	8	5	6	4	6	6	3	5	3	2	5	11	240-1	173	938	967	4379
≥.06	84	32	21	10	12	11	14	10	1	6	3	3	4	2	4	44	684-1	261	2296	2371	4585
≥.05	91	45	23	19	14	9	11	12	8	5	5	2	4	2	4	49	918-1	303	2774	2876	4636
≥.04	81	37	18	14	21	7	9	5	5	6	8	5	4	3	3	60	1110-1	286	3380	3524	4890
≥.03	62	30	22	11	14	7	5	4	7	3	3	7	5	4	1	62	1596-1	247	3916	4097	5130
≥.02	54	16	11	4	8	9	5	5	2	5	2	2	4	5	1	68	SEA-1	201	4099	4725	5386
≥.01	10	5	1	1	1	1	4		2					3	2	44	SEA-3	73	5264	5864	6093

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4333
≥.14																					4333
≥.13																					4333
≥.12																					4333
≥.11																					4333
≥.10																					4333
≥.08	60	19	10	7	5	3	2	1	1	1			1				78-1	110	253	256	4333
≥.06	128	65	44	39	26	18	13	10	7	6	3	4	2	2	4	10	162-1	381	1462	1479	4339
≥.05	149	69	56	28	31	15	21	8	8	10	7	3	6	6	5	27	162-3	449	2085	2117	4339
≥.04	129	65	58	27	21	23	17	14	9	7	8	14	8	5	5	40	300-1	450	2622	2676	4357
≥.03	119	60	40	29	16	17	14	14	6	4	8	14	10	3	7	56	384-1	417	3017	3081	4376
≥.02	78	31	27	16	17	12	4	12	10	3	9	8	6	4	4	73	552-1	314	3463	3575	4425
≥.01	34	8	10	11	5	5	5	2	3		2	1	5	5	2	60	SEA-1	158	4330	4921	5263

HOURS DURATION OF EVENTS

57 — 14.9N 147.9E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12	1		1														18-1	2	4	4	4334
≥.11	1				1			1									48-1	3	14	14	4334
≥.10	24	3	1	1	3						1						66-1	33	63	63	4334
≥.08	98	21	28	13	14	12	16	7	4	2	11	2	4	2	5	20	210-1	261	1358	1381	4354
≥.06	94	32	24	13	13	17	9	7	11	5	9	6	4	7	7	59	498-1	317	3008	3081	4495
≥.05	88	27	18	11	11	8	10	12	5	9	11	2	4	2	8	64	774-1	290	3464	3585	4555
≥.04	84	22	14	8	7	4	5	5	7	5	9	3	2	3	4	60	852-1	242	3702	4020	4718
≥.03	56	15	13	7	2	1	4	6	4	1	3	2	3	1	2	58	1188-1	178	3825	4458	4936
≥.02	26	11	5	4	1	2	1	1			2		2	2		49	1524-1	106	4258	4970	5213
≥.01	9	1	3	1		1					1			1	1	22	SEA-4	41	3694	5339	5425

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12																					4334
≥.11																					4334
≥.10	2	1															12-1	3	4	4	4334
≥.08	65	24	16	7	7	3	6	3	2	4	7		2	4		7	270-1	157	727	745	4375
≥.06	79	29	21	8	7	13	13	10	3	6	7	3	7	3	3	49	612-1	261	2461	2640	4480
≥.05	76	24	16	13	6	7	3	10	10	3	4	4	3	2	3	54	912-1	238	3083	3314	4677
≥.04	63	26	18	4	7	4	7	6	4	5	7	3	5	2	5	51	1320-1	217	3101	3876	466[illegible]
≥.03	65	23	10	1	9	4	6	1	1	4	4	2	3	3	3	41	2064-1	180	3304	4076	4792
≥.02	36	14	10	4	2	2	3	4	1	1	2	2	4	1	1	33	SEA-2	120	3477	4780	5208
≥.01	16	3	7	4		3		1		2					1	25	SEA-7	63	4345	5242	5385

HOURS DURATION OF EVENTS

60 — 12.2N 112.8E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12		1															12-1	1	2	2	4334
≥.11	7	2	1	1					1								54-1	12	27	27	4334
≥.10	9	2	4		1	1	1	1	3	1	2			1		2	108-1	28	158	159	4334
≥.08	53	22	8	6	8	4	3	4	5	5	2	1		1	2	32	378-1	136	1335	1375	4334
≥.06	56	38	18	13	8	10	4	7	4	5	3	2	3	5	2	44	702-1	222	2376	2543	4359
≥.05	74	18	20	8	10	6	4	4	4	5	6	4	2	2	4	51	714-1	222	2760	2943	4374
≥.04	65	29	23	4	6	5	1	3	1	3	5	2	1	4	3	54	810-1	209	2882	3235	4378
≥.03	73	19	15	5	8	7			1	3		1	2	1	3	49	1134-1	188	2979	3512	4383
≥.02	48	18	13	7	5	3	1	1	1	1	2		2	1		42	1134-1	145	2918	3831	4402
≥.01	27	5	5	4	3	2	1	1	1	1			1			36	1848-1	86	3185	4157	4482

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4334
≥.14																					4334
≥.13																					4334
≥.12																					4334
≥.11																					4334
≥.10	2																6-2	2	2	2	4334
≥.08	2	4		2	1	1								1		2	126-1	13	80	91	4334
≥.06	23	9	10		1		5	1	1	3	2	1		1		5	228-1	62	320	359	4334
≥.05	31	13	11	2	1	3	5				3	3	2	1	2	8	288-1	85	538	621	4334
≥.04	32	10	4	3	4	4	2	7	2		1	2	2	4	3	25	714-1	109	1254	1351	4334
≥.03	16	11	5	1	4	2	6	4		4	2		1	4	5	41	1038-1	106	2262	2465	4335
≥.02	9	6	5		3		1	3	2	1		2		2	1	46	1074-1	81	2510	3269	4375
≥.01	3		4	1	1	1	1		2			1	1	1		39	1332-1	55	3029	3927	4493

HOURS DURATION OF EVENTS

63 — 2.1N 123.6E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					[illegible]
≥.14																					[illegible]
≥.13																					[illegible]
≥.12																					[illegible]
≥.11																					[illegible]
≥.10																					[illegible]
≥.08																					[illegible]
≥.06																					[illegible]
≥.05	1																6-1	1	1	1	[illegible]
≥.04	18	6	3		1	2		2			1				1	3	150-1	40	187	207	[illegible]
≥.03	34	14	11	9	9	6	2	2	4	3	3	3	2	2	4	28	522-1	138	1490	1553	[illegible]
≥.02	21	12	15	9	6	3	3	4	4	2	3	7	4	4	1	50	1062-1	149	3133	3483	4471
≥.01	2	1				2					1					27	SEA-3	35	3600	4451	4792

HOURS DURATION OF EVENTS

2

SPRING   WAVE SLO

1 — 64.0N 166.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12					1												30- 1	1	5	5	4241
≥.11							1										42- 1	1	7	7	4241
≥.10	15	6	2	1					1								54- 1	25	46	46	4241
≥.08	65	20	22	16	16	12	10	5	4		3	1	3	1	1	4	126- 1	183	721	727	4241
≥.06	23	23	17	15	14	10	16	10	12	8	4	10	4	3	8	35	468- 1	212	1939	2028	4241
≥.05	24	11	21	9	19	9	11	8	11	7	8	8	9	5	6	47	480- 1	213	2325	2423	4243
≥.04	19	21	11	16	15	13	16	3	10	8	7	10	6	5	8	54	570- 1	222	2594	2764	4256
≥.03	32	15	6	13	14	12	11	9	10	6	7	11	6	9	7	57	570- 1	225	2808	3003	4263
≥.02	35	14	4	15	10	9	9	11	9	4	6	15	4	7	11	62	570- 1	225	3068	3265	4275
≥.01	19	15	8	8	5	7	5	3	10	4	6	4	8	3	5	71	1068- 1	181	3290	3568	4287

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14	1																6- 1	1	1	1	4241
≥.13	1																6- 1	1	1	1	4241
≥.12	4		1	1													24- 1	6	11	11	4241
≥.11	6	2	2	1	2	2											36- 2	15	42	42	4241
≥.10	22	10	12	8	7	1	3	2	2								54- 2	67	206	210	4241
≥.08	24	17	15	14	14	14	11	13	9	3	6	9	6	3	1	10	252- 1	169	1145	1163	4241
≥.06	27	13	18	17	17	15	14	15	15	10	7	9	7	7	4	44	306- 1	239	2238	2308	4252
≥.05	26	13	9	11	9	16	14	9	9	14	15	10	8	7	9	52	354- 1	231	2615	2702	4262
≥.04	29	17	12	11	8	7	12	14	5	10	12	9	8	9	9	62	414- 1	234	2934	3029	4266
≥.03	20	12	6	10	5	7	6	13	8	6	11	8	5	10	7	72	546- 1	206	3191	3320	4275
≥.02	24	7	7	4	2	4	4	3	8	3	4	11	5	7	4	74	720- 1	171	3379	3609	4289
≥.01	14	3	2	5	2	4	1	1	3	3		4			4	58	1194- 1	104	3485	4047	4449

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14	1																6- 1	1	1	1	4241
≥.13	2	1	1														18- 1	4	7	7	4241
≥.12	6	1	3	1	1												30- 1	12	26	26	4241
≥.11	13	12	6	6	2	2	2										42- 2	43	115	115	4241
≥.10	19	9	11	10	15	5	7	2	3	2	1						66- 1	84	338	340	4241
≥.08	36	8	15	9	15	11	16	10	13	11	6	7	9	3	3	14	240- 1	186	1339	1368	4241
≥.06	33	19	18	14	16	17	20	14	10	4	12	11	8	4	6	48	312- 1	254	2365	2455	4272
≥.05	23	11	17	14	10	14	12	17	12	10	8	11	6	10	9	60	324- 1	244	2769	2883	4309
≥.04	29	11	13	11	13	7	11	13	9	6	6	4	8	6	12	71	696- 1	230	3038	3197	4349
≥.03	21	12	11	6	11	7	3	7	7	8	5	7	1	5	7	81	828- 1	199	3300	3486	4364
≥.02	21	9	5	4	7	3	2	4	9	2	4	3	3	2	3	73	1056- 1	154	3504	3794	4403
≥.01	12	3	1	1	4	1	1	2			1		1		1	57	1344- 1	85	3514	4442	4723

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13		1															12- 1	1	2	2	4241
≥.12		1	1	2													24- 2	4	13	13	4241
≥.11	11	5	1	1		3											36- 3	21	46	46	4241
≥.10	21	18	7	8	4	9	3	2						1		1	96- 1	74	251	251	4241
≥.08	30	14	25	13	12	14	11	11	14	12	9	2	1	5	2	11	204- 1	186	1199	1218	4241
≥.06	34	21	24	17	17	17	16	13	16	14	8	9	4	5	5	33	264- 1	253	2042	2094	4250
≥.05	33	22	22	18	15	12	16	10	10	19	7	9	8	8	6	44	288- 1	259	2475	2542	4254
≥.04	41	31	22	14	10	14	8	7	11	18	7	8	5	9	8	54	492- 1	267	2796	2905	4260
≥.03	35	15	17	13	13	7	6	9	8	11	9	3	6	3	6	65	492- 1	226	3071	3280	4283
≥.02	31	9	12	3	5	4	4	7	5	5	5	4	3	3	6	63	1020- 1	169	3420	3675	4316
≥.01	16	4	6	4	1	1			1			1	3	1	1	55	1332- 1	94	3749	4154	4420

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	2																6- 2	2	2	2	4241
≥.12	5		1		1												30- 1	7	13	13	4241
≥.11	10	7	4	2		1		1									48- 1	25	58	58	4241
≥.10	11	15	10	10	10	6	1	2	1		1			1			84- 1	68	254	254	4241
≥.08	33	17	25	21	16	14	17	7	11	9	4	5	3	2	1	16	222- 1	201	1271	1290	4259
≥.06	24	15	25	26	20	14	20	12	8	15	9	5	8	2	5	40	438- 1	248	2303	2355	4284
≥.05	19	15	16	20	23	17	15	11	6	9	12	5	4	7	6	59	444- 1	244	2677	2756	4295
≥.04	33	9	20	12	13	16	15	11	9	5	9	8	4	4	4	70	444- 1	242	3011	3107	4327
≥.03	25	20	11	10	12	10	11	8	11	3	3	4	6	3	3	75	480- 1	215	3191	3371	4333
≥.02	28	12	14	6	10	5	8	4	12	2	5	4	1	2	1	67	1050- 1	181	3387	3689	4340
≥.01	13	3	12	3	5	4	2	3	2	4	4	1		2	1	49	1260- 1	108	3508	4089	4434

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	4	3	2														18- 2	9	16	16	4241
≥.12	11	5	6	2	2												30- 2	26	57	57	4241
≥.11	27	6	10	13	2	3	3										42- 3	64	170	170	4241
≥.10	21	24	19	10	14	9	5	2	4	2	2		2				78- 2	114	445	447	4241
≥.08	37	22	19	18	16	19	10	14	13	11	8	12	3	4	4	22	174- 1	232	1649	1674	4278
≥.06	23	21	19	24	19	15	13	10	15	8	6	11	7	6	10	54	414- 1	261	2665	2740	4296
≥.05	26	15	16	17	19	16	17	13	6	9	11	9	6	4	7	67	426- 1	258	3006	3115	4307
≥.04	23	17	13	9	10	12	13	5	9	12	7	10	7	5	5	73	468- 1	230	3241	3418	4325
≥.03	22	8	7	5	6	5	10	7	5	10	3	6	5	2	8	77	678- 1	196	3488	3682	4341
≥.02	14	4	5	4	6	2	4	2	4	1	4	3	2	3	4	74	1128- 1	136	3682	4039	4464
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39	1944- 1	53	3505	4503	4684

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	1	1															12- 1	2	3	3	4241
≥.12	6	4	1														18- 1	11	17	17	4241
≥.11	10	7	10	3	4												30- 4	34	86	89	4241
≥.10	28	17	9	11	7	6	9	1	2	1			2				78- 2	93	329	332	4241
≥.08	43	28	28	18	16	14	15	10	13	16	7	5	4	5	1	23	288- 1	246	1668	1708	4241
≥.06	34	27	22	18	20	15	10	10	12	11	7	5	8	5	7	51	558- 1	262	2654	2766	4243
≥.05	17	23	22	21	12	16	8	10	13	4	12	6	6	3	9	64	558- 1	241	2996	3128	4246
≥.04	19	8	14	12	8	8	11	8	8	8	6	6	5	8	[illegible]	[illegible]	594- 1	210	3296	3424	4262
≥.03	13	9	5	6	8	7	6	4	8	3	6	1	5	4	4	74	792- 1	159	3396	3588	4288
≥.02	11	6	2	5	2	4	2	2	5	1		1			3	64	1170- 1	113	3474	3843	4309
≥.01	4	2	1	2	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33	SEA- 1	47	3147	4371	4514

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14	1																6- 1	1	1	1	4241
≥.13	4	3															36- 1	8	16	16	4241
≥.12	21	5	3	2	2	1											36- 1	34	64	64	4241
≥.11	22	7	13	11	8	2	3										66- 2	67	214	217	4241
≥.10	40	23	23	20	15	11	4	7	5	5				3	1		[illegible]	[illegible]	[illegible]	[illegible]	4241
≥.08	37	18	20	27	16	15	16	14	8	11	5	4	8	5	4	40	258- 1	248	2110	2159	4265
≥.06	16	14	17	14	17	13	15	12	10	7	10	12	4	6	4	62	624- 1	233	3035	3184	4284
≥.05	17	13	9	10	9	8	11	8	13	10	10	9	5	7	2	72	624- 1	213	3353	3515	4316
≥.04	16	9	7	4	5	5	7	5	6	4	7	5	8	4	8	72	672- 1	172	3536	3781	4329
≥.03	13	3	7	1	2	5	5	3	2	5	6	4	3	3	3	70	798- 1	135	3631	3981	4374
≥.02	12	3	2		2	2	2	1	2	1	1	3	2	2	1	54	1116- 1	90	3622	4173	4405
≥.01	1	1		3						1						23	SEA- 1	29	2822	4434	4482

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14	2																6- 2	2	2	2	4241
≥.13	7	2	1	1													24- 1	4	7	7	4241
≥.12	7	5	2	2	1			1	1								48- 1	19	53	57	4241
≥.11	16	10	12	9		2	3		1	2							60- 2	55	170	174	4241
≥.10	26	20	14	14	11	14	8	3	5	3	1		1		2		102- 1	123	524	540	4241
≥.08	50	27	31	24	16	10	9	11	14	11	8	5	4	4	2	27	318- 1	253	1773	1824	4251
≥.06	25	21	26	15	21	12	12	11	10	15	7	6	11	6	2	55	438- 1	255	2699	2863	4283
≥.05	22	13	9	18	16	13	7	8	11	9	12	5	10	5	6	67	480- 1	231	3057	3270	4301
≥.04	32	12	15	9	10	8	6	5	5	13	8	6	8	6	9	71	570- 1	223	3344	3570	4355
≥.03	23	12	8	8	6	4	4	2	2	6	5	5	2	2	5	78	1278- 1	172	3541	3806	4360
≥.02	15	3	5	3	1	3	2	2	1		2	2	2	2	2	63	1446- 1	108	3500	4071	4410
≥.01	4		2	2			1	3							1	40	1644- 1	53	3457	4741	4875

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6- 1	1	1	1	4241
≥.14	1	2	1														18- 1	4	8	8	4241
≥.13	7	3	2	1	1												30- 1	14	28	28	4241
≥.12	11	8	9	3	4	1											36- 1	36	92	92	4241
≥.11	22	12	14	11	8	5	3	2	1								54- 1	78	248	248	4241
≥.10	37	19	28	11	15	11	8	7	4	5	2	1	2		2		90- 2	152	632	638	4241
≥.08	38	22	22	17	22	24	14	12	9	13	6	5	2	8	3	34	276- 1	251	1989	2018	4257
≥.06	18	19	12	18	14	22	16	12	11	6	12	13	7	8	6	61	366- 1	255	2950	3083	4324
≥.05	21	11	13	8	14	13	11	16	10	7	10	8	9	8	2	72	510- 1	233	3272	3456	4364
≥.04	13	8	10	4	4	11	8	8	14	3	5	7	3	9	3	82	510- 1	192	3499	3699	4367
≥.03	18	7	4	3	2	5	3	8	9	2	3	2	2	5	3	76	696- 1	152	3480	3911	4382
≥.02	12	6	3	1	1	2	1	2	1	3		2	2	1	3	58	1464- 1	98	3401	4151	4414
≥.01	4	2	2	1		1						1				26	1848- 1	37	3148	4642	4728

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	2																6- 2	2	2	2	4241
≥.14	5	1	1														18- 1	7	10	10	4241
≥.13	8	2	1	1													24- 1	12	19	19	4241
≥.12	18	11	5	1	1	2											36- 2	38	76	76	4241
≥.11	30	22	19	12	5	1	1	2	2								54- 2	94	251	251	4241
≥.10	38	12	27	20	21	12	8	5	3	6			1	1		1	96- 1	175	666	669	4241
≥.08	25	30	41	26	21	22	8	10	12	8	14	8	7	2	5	32	288- 1	271	2056	2105	4247
≥.06	30	26	14	22	13	22	21	13	11	10	10	10	8	4	3	61	366- 1	278	2958	3075	4290
≥.05	20	21	15	17	11	14	11	10	12	11	5	9	5	9	7	72	372- 1	251	3222	3407	4305
≥.04	15	13	11	10	7	10	7	8	7	8	12	6	6	7	4	79	504- 1	210	3449	3657	4317
≥.03	18	4	9	6	3	7	3	7	7	8	9	3	4	1	5	85	738- 1	179	3586	3892	4373
≥.02	10	2	4	4	2	1	1		1	3	3	1	1	4	4	73	1104- 1	114	3711	4221	4484
≥.01	4			2				1		2				1		32	1878- 1	42	3077	4611	4716

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																	6- 1	1	1	1	4241
≥.11	2																6- 2	2	2	2	4241
≥.10	16	5	3	1	2												30- 2	27	49	49	4241
≥.08	57	31	31	18	22	15	8	3	4	3	4	1		1			84- 1	198	700	710	4241
≥.06	56	45	38	28	28	27	17	10	17	7	8	5	5	9	5	16	174- 1	321	1830	1855	4245
≥.05	57	45	35	28	29	31	21	9	15	13	6	9	8	9	8	27	186- 1	350	2289	2327	4257
≥.04	61	41	28	31	27	29	22	12	14	8	10	17	10	7	9	40	204- 1	366	2666	2732	4268
≥.03	47	34	32	29	26	20	19	14	10	12	10	15	14	8	4	50	270- 1	344	2912	2987	4273
≥.02	44	35	20	15	23	11	15	9	13	10	7	7	7	12	7	72	408- 1	307	3189	3270	4284
≥.01	39	24	18	11	14	9	10	4	11	8	8	7	3	7	3	78	426- 1	254	3279	3450	4284

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1		1														18- 1	2	4	4	4241
≥.14	1	1	1														18- 1	3	6	6	4241
≥.13	8	2		3													24- 1	13	24	24	4241
≥.12	10	12	8	3													36- 1	34	76	80	4241
≥.11	24	7	15	9	6	4	2		2		1						66- 1	70	216	220	4241
≥.10	35	12	28	20	12	12	10	3	1	3	1	1	2	1		2	108- 1	163	625	631	4241
≥.08	35	27	22	22	20	16	13	12	11	13	7	8	5	8	4	28	432- 1	257	2033	2122	4243
≥.06	25	13	21	12	21	11	13	10	4	7	10	10	6	4	7	66	774- 1	246	2979	3131	4277
≥.05	24	13	12	13	10	14	10	5	5	6	5	8	3	7	5	81	1044- 1	221	3256	3461	4291
≥.04	19	12	10	10	12	6	7	4	5	6	5	7	4	5	4	76	1044- 1	192	3420	3638	4320
≥.03	17	15	6	6	11	5	6	4	4	4	3	2	4	5	2	73	1050- 1	163	3533	3830	4331
≥.02	9	7	6	3	3	5	2	2	2	2	1	2	1	1		59	1488- 1	105	3316	4192	4452
≥.01	2	3	1	2			2	3	2							28	SEA- 1	44	3484	4352	4646

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	3	1															12- 1	4	5	5	4241
≥.12	9	3	2	1	2												30- 2	17	35	36	4241
≥.11	14	12	3	9		3	2	1	2								54- 2	46	141	143	4241
≥.10	47	19	27	16	9	8	5	7	4	2	1		1				78- 1	148	494	501	4241
≥.08	40	29	22	16	19	13	14	10	12	7	5	4	7	3	9	26	312- 1	246	2093	2167	4264
≥.06	20	15	13	8	14	9	9	8	9	9	9	4	5	5	3	64	444- 1	204	2871	3140	4300
≥.05	15	11	14	11	3	8	5	6	6	9	4	7	8	6	3	66	600- 1	182	3064	3474	4320
≥.04	19	7	15	9	6	4	10	3	3	5	2	8	3	5	5	63	1278- 1	167	3138	3670	4334
≥.03	17	8	13	3	5	6	5	3	2	2	3	2	3	4	3	60	1398- 1	139	3195	3959	4337
≥.02	9	9	3	3	4	3	4	3	2	2		4		2	2	50	1398- 1	100	3014	4129	4381
≥.01	2	3	1								1		1	1		23	1794- 1	32	2650	4430	4494

HOURS DURATION OF EVENTS

WAVE SLOPE (α) DURATIONS

2 — 59.4N 172.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14	1																6-1	1	1	1	4241
≥.13	1																6-1	1	1	1	4241
≥.12	4		1	1													24-1	6	11	11	4241
≥.11	6	2	2	1	2	2											36-2	15	42	42	4241
≥.10	22	10	12	8	7	1	3	2	2								54-2	67	206	210	4241
≥.08	24	17	15	14	14	14	11	13	9	3	6	9	6	3	1	10	252-1	169	1145	1163	4241
≥.06	27	13	18	17	17	15	14	15	15	10	7	9	7	7	4	44	306-1	239	2238	2308	4252
≥.05	26	13	9	11	9	16	14	9	9	14	15	10	8	7	9	52	354-1	231	2615	2702	4262
≥.04	29	17	12	11	8	7	12	14	5	10	12	9	8	9	9	62	414-1	234	2934	3029	4266
≥.03	20	12	6	10	5	7	6	13	8	6	11	8	5	10	7	72	546-1	206	3191	3320	4275
≥.02	24	7	7	4	2	4	4	3	8	3	4	11	5	7	4	74	720-1	171	3379	3609	4289
≥.01	14	3	2	5	2	4	1	1	3	3		4			4	58	1194-1	104	3485	4047	4449

HOURS DURATION OF EVENTS

3 — 58.5N 151.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	2	3	1														18-1	6	11	11	4241
≥.11	5	3	2	3	2												30-2	15	39	39	4241
≥.10	16	7	8	8	2	6	2	1		2							60-2	52	174	174	4241
≥.08	28	23	20	24	20	17	9	8	5	5	5	4	1		1	9	210-1	179	970	986	4241
≥.06	32	29	23	20	25	28	15	11	10	12	9	4	13	2	1	28	222-1	262	1878	1909	4243
≥.05	40	16	24	21	17	20	24	15	13	11	11	8	8	8	6	33	258-1	275	2254	2349	4245
≥.04	48	20	19	12	14	17	19	16	11	14	8	15	4	10	13	45	306-1	285	2616	2725	4246
≥.03	38	15	20	18	10	15	11	10	11	9	15	8	5	5	6	67	366-1	263	2890	3047	4256
≥.02	33	15	12	13	10	14	9	9	5	6	7	10	2	6	4	73	570-1	228	3204	3387	4261
≥.01	24	11	7	8	9	4	7	6	4	1	6	3	3	6	3	67	768-1	169	3438	3817	4285

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13		1															12-1	1	2	2	4241
≥.12		1	1	2													24-2	4	13	13	4241
≥.11	11	5	1	1		3											36-3	21	46	46	4241
≥.10	[illegible]	18	7	8	4	9	3	2						1		1	96-1	74	251	251	4241
≥.08	30	14	25	13	12	14	11	11	14	12	9	2	1	5	2	11	204-1	186	1199	1218	4241
≥.06	34	21	24	17	17	17	16	13	16	14	8	9	4	5	5	33	264-1	253	2042	2094	4250
≥.05	33	22	22	18	15	12	16	10	10	19	7	9	8	8	6	44	288-1	259	2475	2542	4254
≥.04	41	31	22	14	10	14	8	7	11	18	7	8	5	9	8	54	492-1	267	2796	2905	4260
≥.03	35	15	17	13	13	7	6	9	8	11	9	3	6	3	6	65	492-1	226	3071	3280	4283
≥.02	31	9	12	3	5	4	4	7	5	5	5	4	3	3	6	63	1020-1	169	3420	3675	4316
≥.01	16	4	6	4	1	1			1			1	3	1	1	55	1332-1	94	3749	4154	4420

HOURS DURATION OF EVENTS

6 — 54.9N 167.1W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																				1	4241
≥.13	4																6-4	4	4	6	4241
≥.12	7	3	1														18-1	11	16	18	4241
≥.11	9	11	6		4	2											36-2	32	81	83	4241
≥.10	35	18	19	13	4	7	5	2	1	1						1	108-1	106	330	337	4241
≥.08	42	26	24	23	28	16	14	14	10	8	8	7	4	2	5	17	198-1	248	1526	1552	4241
≥.06	37	25	16	22	21	21	21	6	11	12	4	10	9	7	6	50	336-1	278	2558	2657	4253
≥.05	25	15	7	16	20	19	14	12	7	8	5	9	6	8	8	69	336-1	248	2957	3057	4254
≥.04	23	12	12	14	7	15	17	11	8	7	8	8	8	9	8	72	624-1	239	3220	3365	4292
≥.03	19	11	7	11	7	7	6	8	7	6	5	8	4	5	3	84	828-1	198	3456	3656	4313
≥.02	12	4	4	4	7	2	3	2	5	5	2	6	2	2	1	77	1020-1	138	3725	3979	4398
≥.01	2	1	2	2	1	2	1				1			2		44	1290-1	58	3357	4262	4449

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	4	3	2														18-2	9	16	16	4241
≥.12	11	5	6	2	2												30-2	26	57	57	4241
≥.11	27	6	10	13	2	3	3										42-3	64	170	170	4241
≥.10	21	24	19	10	14	9	5	2	4	2	2		2				78-2	114	445	447	4241
≥.08	37	22	19	18	16	19	10	14	13	11	8	12	3	4	4	22	174-1	232	1649	1674	4278
≥.06	23	21	19	24	19	15	13	10	15	8	6	11	7	6	10	54	414-1	261	2665	2740	4296
≥.05	26	15	16	17	19	16	17	13	6	9	11	9	6	4	7	67	426-1	258	3006	3115	4307
≥.04	23	17	13	9	10	12	13	5	9	12	7	10	7	5	5	73	468-1	230	3241	3418	4325
≥.03	22	8	17	5	6	5	10	7	5	10	3	6	5	2	8	77	678-1	196	3488	3682	4341
≥.02	14	4	5	4	6	2	4	2	4	1	4	3	2	3	4	74	1128-1	136	3682	4039	4464
≥.01	3	2	1	2			2			1	1				2	39	1944-1	53	3505	4503	4684

HOURS DURATION OF EVENTS

9 — 51.7N 158.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4241
≥.14	1		1														18-1	2	4	4	4241
≥.13	4	1	1														18-1	6	9	9	4241
≥.12	3	5	4	3													24-3	15	37	37	4241
≥.11	11	5	6	5	4	3											36-3	34	97	97	4241
≥.10	17	18	10	17	11	5	3	1	1	1							60-1	84	284	284	4241
≥.08	31	26	19	25	16	19	9	18	17	13	1	3	3	5	3	8	174-1	216	1296	1304	4252
≥.06	32	20	24	28	19	19	16	9	15	10	11	11	9	5	8	39	210-1	275	2298	2340	4266
≥.05	30	21	13	25	11	20	16	15	8	20	12	14	5	6	10	55	276-1	281	2753	2806	4288
≥.04	25	17	14	15	15	15	8	16	10	13	8	11	9	9	6	68	438-1	259	3114	3197	4311
≥.03	15	13	8	10	8	8	13	7	3	9	5	9	2	10	9	79	438-2	208	3406	3500	4353
≥.02	13	11	8	6	6	5	5	4	6	2	2	4	4	5	2	78	738-1	161	3441	3798	4388
≥.01	4	5	2	5		1		4	1	1		2				55	1512-1	80	3532	4143	4459

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14	1																6-1	1	1	1	4241
≥.13	4	3				1											36-1	8	16	16	4241
≥.12	21	5	3	2	2	1											36-1	34	64	64	4241
≥.11	22	7	13	11	6	2	3			1	2						66-2	67	214	217	4241
≥.10	40	23	23	20	15	11	4	7	5	5					3	1	96-1	157	616	623	4241
≥.08	37	18	20	27	16	15	16	14	8	11	5	4	8	5	4	40	258-1	248	2110	2159	4265
≥.06	16	14	17	14	17	13	15	12	10	7	10	12	4	6	4	62	624-1	233	3035	3184	4284
≥.05	17	13	9	10	9	8	11	8	13	10	10	9	5	7	2	72	624-1	213	3353	3515	4316
≥.04	16	9	7	4	5	5	7	5	6	4	7	5	8	4	8	72	672-1	172	3536	3781	4329
≥.03	13	3	7	1	2	5	5	3	2	5	6	4	3	3	3	70	798-1	135	3631	3981	4374
≥.02	12	3	2		2	2	2	1	2	1	1	3	2	2	1	54	1116-1	90	3622	4173	4405
≥.01	1	1		3						1						23	SEA-1	29	2822	4434	4482

HOURS DURATION OF EVENTS

12 — 50.9N 145.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13		1															12-1	1	2	2	4241
≥.12	5	6	2			1											36-1	14	29	30	4241
≥.11	17	8	9	7	8	1		1	2								54-2	53	160	164	4241
≥.10	40	28	17	10	14	8	9	9	4	1	2	2				1	96-1	145	548	563	4241
≥.08	14	20	20	17	11	18	15	11	13	6	12	10	6	4	4	35	390-1	216	2174	2242	4242
≥.06	21	11	9	9	10	10	9	12	3	10	6	8	13	6	7	65	642-1	209	3064	3174	4258
≥.05	21	8	10	6	9	10	3	9	9	3	5	4	9	8	7	70	648-1	191	3261	3483	4266
≥.04	15	9	4	6	4	11	3	4	5	6	3	3	4	9	5	73	936-1	164	3488	3712	4283
≥.03	11	7	3	5	3	5	2	2	3	6			7	3	2	66	942-1	125	3417	3889	4288
≥.02	6	3	5		1	1	1	1		2		2	2	1	3	49	1758-1	77	3541	4159	4374
≥.01	2	1	2													25	1968-1	30	3196	4460	4555

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4241
≥.14	1	2	1														18-1	4	8	8	4241
≥.13	7	3	2	1	1												30-1	14	28	28	4241
≥.12	11	8	9	3	4	1											36-1	36	92	92	4241
≥.11	22	12	14	11	8	5	3	2	1								54-1	78	248	248	4241
≥.10	37	19	28	11	15	11	8	7	4	5	2	1	2		2		90-2	152	632	638	4241
≥.08	38	22	22	17	22	24	14	12	9	13	6	5	2	8	3	34	276-1	251	1989	2018	4257
≥.06	18	19	12	18	14	22	16	12	11	6	12	13	7	8	6	61	366-1	255	2950	3083	4324
≥.05	21	11	13	8	14	13	11	16	10	7	10	8	9	8	2	72	510-1	213	3272	3456	4364
≥.04	13	8	10	4	4	11	8	8	14	3	5	7	3	9	3	82	510-1	192	3499	3699	4367
≥.03	18	7	4	3	2	5	3	8	9	2	3	2	2	5	3	76	696-1	152	3480	3911	4383
≥.02	12	6	3	1	1	2	1	2	1	3		2	2	1	3	58	1464-1	98	3401	4151	4414
≥.01	4	2	2	1		1						1				26	1848-1	37	3148	4642	4728

HOURS DURATION OF EVENTS

15 — 49.0N 128.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	3	1															12-1	4	5	5	4241
≥.11	5		2	2	1												30-1	10	24	24	4241
≥.10	14	10	6	4	3	1	2	1	1			1					72-1	43	132	142	4241
≥.08	53	26	21	21	19	12	16	7	14	5	4	2	4	1	3	9	210-1	217	1120	1154	4243
≥.06	37	29	21	10	20	15	23	11	13	8	12	9	7	6	6	42	402-1	269	2323	2391	4271
≥.05	39	28	21	14	9	18	13	13	16	7	7	9	7	9	9	54	516-1	273	2744	2830	4272
≥.04	34	24	16	17	9	12	9	8	11	12	7	4	8	5	8	66	522-1	250	3085	3195	4277
≥.03	32	16	12	8	5	6	4	7	4	4	8	5	6	5	6	75	672-1	203	3356	3536	4298
≥.02	23	7	6	3	3	7	3	2	3	1	1		2	1	5	59	1260-1	126	3554	3892	4340
≥.01	9	8	4				1	1		1	3					34	1788-1	61	3361	4361	4539

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	1																6-1	1	1	1	4241
≥.11	2																6-2	2	2	2	4241
≥.10	16	5	3	1	2												30-2	27	49	49	4241
≥.08	57	31	31	18	22	15	8	3	4	3	4	1		1			84-1	198	700	710	4241
≥.06	56	45	38	28	28	27	17	10	17	7	8	5	5	9	5	16	174-1	321	1830	1855	4245
≥.05	57	45	35	28	29	31	21	9	15	13	6	9	8	9	8	27	186-3	350	2289	2327	4257
≥.04	61	41	28	31	27	29	22	12	14	8	10	17	10	7	9	40	204-1	366	2666	2732	4268
≥.03	47	34	32	29	26	20	19	14	10	12	10	15	14	8	4	50	270-1	344	2912	2987	4273
≥.02	44	35	20	15	23	11	15	9	13	10	7	7	7	12	7	72	408-1	307	3189	3270	4284
≥.01	39	24	18	11	14	9	10	4	11	8	8	7	3	7	3	78	426-1	254	3279	3450	4284

HOURS DURATION OF EVENTS

18 — 45.6N 144.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12		4	2														18-2	6	14	14	4241
≥.11	11	7	10	2	2	2	4										42-4	38	113	118	4241
≥.10	26	19	13	19	16	6	6	5	4	1	1		1				78-1	117	447	456	4241
≥.08	22	12	17	16	9	15	17	9	10	8	3	4	4	9	8	37	498-1	200	2012	2069	4241
≥.06	22	15	13	10	13	5	9	7	6	8	7	6	2	10	7	63	564-1	203	2925	3056	4257
≥.05	12	12	11	11	8	10	6	9	9	4	6	7	4	3	7	72	564-1	190	3209	[illegible]	4274
≥.04	17	5	7	7	8	5	8	5	7	7	2	5	3	1	2	68	[illegible]	157	3347	[illegible]	4283
≥.03	9	7	4	4	10	2	6	4	3	4	3	2		4	1	65	1386-1	128	3421	[illegible]	4307
≥.02	8	5	3	4		2	1	4	2	1	1			1	1	57	1134-1	90	3305	4084	4342
≥.01	4	3			1	2				1			1			30	1818-1	42	3376	4721	4809

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	3	1															12-1	4	5	5	4241
≥.12	9	3	2	1	2												30-2	17	35	36	4241
≥.11	14	12	3	9		3	2	1	2								54-2	46	141	143	4241
≥.10	47	19	27	16	9	8	5	7	4	2	1		1				78-1	146	494	501	4241
≥.08	40	29	22	16	19	13	14	10	12	7	5	4	7	3	9	36	312-1	246	2093	2167	4264
≥.06	20	15	13	8	14	9	9	8	9	9	9	4	5	5	3	64	444-1	204	2871	3140	4309
≥.05	15	11	14	13	3	8	5	6	6	9	4	7	8	6	1	66	600-1	182	3064	3473	4329
≥.04	19	7	15	9	6	4	10	3	3	5	2	8	3	5	5	63	1278-1	167	3138	3670	4334
≥.03	17	8	13	3	5	6	5	3	2	2	1	2	3	4	3	60	1398-1	139	3195	3859	4337
≥.02	9	9	3	3	4	3	4	3	2	2		4		2	2	50	1398-1	100	3014	4129	4381
≥.01	2	3	1								1		1	1		23	1794-1	32	2650	4430	4494

HOURS DURATION OF EVENTS

21 — 43.7N 128.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	3	1		1													24-1	5	9	9	4241
≥.11	8	1		2		1											36-1	12	24	24	4241
≥.10	10	5	3	4	6	1	2	2									48-2	33	111	121	4241
≥.08	44	34	26	8	10	14	7	9	2	9	4	6	3	6	4	4	144-1	190	966	1021	[illegible]
≥.06	42	33	23	29	17	7	11	18	15	7	7	6	5	4	4	42	264-1	270	2176	[illegible]	[illegible]
≥.05	60	34	22	22	18	16	13	10	9	10	9	5	8	3	4	56	372-1	297	[illegible]	[illegible]	[illegible]
≥.04	67	33	21	15	12	20	12	8	9	9	11	5	8	10	3	61	426-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	49	19	12	11	11	13	9	11	2	5	6	7	6	2	6	76	504-1	237	[illegible]	[illegible]	[illegible]
≥.02	42	8	7	5	9	3	5	6	5	4	3	3	2	2	3	76	732-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	9	1	1	1	1			2		1	2	3				47	972-1	68	[illegible]	[illegible]	4557

HOURS DURATION OF EVENTS

4

WAVE SLOPE (α) DURATIONS (Cont'd)

22 42.8N 167.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	4		1														18-1	5	7	7	4241
≥.12	9	2	2	1													24-1	14	23	26	4241
≥.11	15	14	11	6	2	2											36-2	50	122	128	4241
≥.10	42	21	20	15	6	13	11	6		1				1		1	96-1	137	477	487	4241
≥.08	29	28	16	27	19	14	11	10	14	13	8	6	5	4	7	36	270-1	247	2149	2199	4257
≥.06	23	17	22	19	7	13	7	5	8	11	10	8	5	7	3	66	666-1	231	3050	3239	4321
≥.05	20	12	11	19	9	3	12	3	4	6	9	10	3	7	6	70	792-1	204	3295	3557	4344
≥.04	9	12	7	13	6	9	7	1	3	4	7	3	4	9	3	77	804-1	174	3519	3785	4365
≥.03	10	8	4	5	7	6	4		3	1	3	2	3	4	2	71	1044-1	133	3638	4065	4448
≥.02	3	3	5	3	2	1	1		3		1	1		2	1	53	1614-1	79	3750	4437	4648
≥.01	1													2		24	SEA-1	27	3011	4650	4723

HOURS DURATION OF EVENTS

23 42.4N 172.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1	1	1														18-1	3	6	6	4241
≥.14		1	1	1													24-1	3	9	9	4241
≥.13	3	1	1	1			1										42-1	7	19	19	4241
≥.12	7	5	3	2		1						1					72-1	19	52	52	4241
≥.11	17	19	11	4	1	2	1				1			1			84-1	57	153	153	4241
≥.10	40	31	32	18	14	5	4	2	3	1				2		1	150-1	153	504	511	4241
≥.08	40	25	32	23	25	22	13	14	8	16	9	6	6	4	4	24	222-2	271	1883	1940	4248
≥.06	22	25	23	21	21	23	17	17	10	8	5	10	6	5	9	57	498-1	279	2804	2914	4253
≥.05	22	17	18	17	22	20	14	16	8	11	6	7	5	4	9	72	648-1	268	3171	3284	4269
≥.04	24	8	12	11	17	14	15	4	9	14	3	5	3	5	6	84	792-1	234	3448	3566	4280
≥.03	20	8	9	4	8	12	6	10	4	6	5	6	3	4	5	86	810-1	196	3738	3871	4348
≥.02	9	3	4	2	2	4	1	4	3	2	1	7	2	2	3	62	1386-1	111	3839	4177	4416
≥.01	2	3	1			1			1							33	1806-1	41	3433	4561	4641

HOURS DURATION OF EVENTS

25 40.2N 131.2E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	1																6-1	1	1	1	4241
≥.10	2		2														18-2	4	8	8	4241
≥.08	34	14	19	9	6	6	1	1	1								54-1	91	245	247	4241
≥.06	83	49	41	27	22	4	9	12	8	4	4	8	3	1	2	4	144-1	281	1122	1126	4244
≥.05	80	56	51	36	26	24	14	10	9	7	8	5	5	8	1	10	150-1	350	1624	1645	4252
≥.04	95	68	51	44	22	30	18	16	13	10	4	7	8	5	4	16	156-1	411	1991	2020	4253
≥.03	104	61	45	32	35	28	14	16	14	14	6	8	5	12	2	26	198-1	422	2250	2282	4257
≥.02	91	57	40	30	32	16	14	21	15	12	10	7	8	6	6	40	210-2	405	2548	2615	4272
≥.01	81	45	30	25	25	8	9	8	14	13	11	6	6	8	9	54	300-1	352	2711	2817	4283

HOURS DURATION OF EVENTS

26 39.5N 153.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14		2															12-2	2	4	4	4241
≥.13	3	1	2														18-2	6	11	11	4241
≥.12	4	4	1	3	1												30-1	13	32	34	4241
≥.11	10	9	5	1	2	3	1										42-1	31	82	84	4241
≥.10	39	20	24	8	6	4	3	2	1		1						66-1	108	294	301	4241
≥.08	39	39	45	28	20	25	18	11	12	10	4	8	2	2	5	6	168-1	274	1421	1455	4241
≥.06	48	27	35	26	23	23	25	21	14	15	7	12	9	5	6	33	246-1	329	2403	2491	4246
≥.05	37	31	29	24	25	19	18	18	13	8	11	14	6	14	5	54	246-1	326	2822	2915	4248
≥.04	32	28	25	19	25	16	11	19	6	10	6	8	9	15	5	74	288-1	308	3144	3248	4267
≥.03	27	20	11	17	15	16	7	15	15	7	7	6	4	10	8	70	726-1	255	3463	3568	4324
≥.02	10	10	8	4	15	6	9	6	5	6	3	4	2	4	6	75	744-1	173	3627	3917	4392
≥.01	7	3	2	1	1	2	1	1	1			4	2		1	42	1614-1	68	3352	4302	4514

HOURS DURATION OF EVENTS

28 36.1N 123.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	2																6-2	2	2	2	4241
≥.10	30	11	12	3	2	3	3										42-3	64	149	151	4241
≥.08	81	31	32	12	15	15	11	8	7	14	11	5	9	7	6	28	216-1	292	1899	1946	4269
≥.06	33	25	14	7	4	9	6	1	9	5	4	3	4	11	2	66	1068-1	203	3255	3545	4490
≥.05	33	11	15	2	5	10	2	2	2	5	6	2	3	6	3	63	1146-1	170	3476	3931	4571
≥.04	18	18	9	2	1	5	4	1		4	5	3	3	3	2	63	1164-1	141	3729	4194	4651
≥.03	14	10	4	3	2	1	3	1	1	1	3	4	1	1	1	56	1218-1	106	3850	4484	4793
≥.02	12	7	1		2		2	1				2	1		1	44	1884-1	73	3903	5264	5446
≥.01	5	4												1		23	SEA-5	33	3869	5503	5579

HOURS DURATION OF EVENTS

29 35.9N 171.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	1																6-1	1	1	1	4241
≥.12				1													24-1	1	4	4	4241
≥.11	3	1			1												30-1	5	10	10	4241
≥.10	12	6	3	2	1	1		2									48-2	27	68	68	4241
≥.08	43	25	25	8	16	11	10	10	8	7	6	2		1		2	120-1	174	779	796	4242
≥.06	60	43	29	25	28	18	10	8	12	11	9	12	6	3	5	31	228-1	310	2000	2049	4258
≥.05	40	28	34	26	19	31	17	13	9	9	14	8	6	8	3	45	276-1	310	2472	2530	4270
≥.04	59	23	18	19	19	20	22	18	6	8	10	6	9	9	4	61	390-1	311	2874	2938	4277
≥.03	47	25	12	11	11	12	19	14	9	13	7	12	3	11	8	64	582-1	278	3170	3298	4300
≥.02	37	15	10	3	7	5	10	6	10	10	6	5	2	6	3	80	654-1	215	3505	3694	4303
≥.01	9	7	3	2	2	1	3	2	1	1	1	1	2	2		53	1170-1	90	3565	4160	4386

HOURS DURATION OF EVENTS

31 35.6N 155.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	2	1															12-1	3	4	4	4241
≥.10	9	3	2	1		2	2										54-1	20	56	56	4241
≥.08	39	19	28	1	8	8	7	9	5	3	1	1	3	2	1	9	144-1	154	764	788	4241
≥.06	49	31	25	21	19	18	12	11	6	8	7	3	4	4	2	31	354-1	251	1789	1866	4252
≥.05	53	32	29	18	19	18	15	14	12	6	6	8	4	5	6	39	516-1	284	2249	2331	4254
≥.04	54	35	23	19	17	19	16	14	14	7	4	7	5	7	9	45	534-1	292	2553	2725	4260
≥.03	44	27	24	14	16	8	11	12	12	14	8	5	6	5	5	55	540-1	266	2871	3126	4298
≥.02	35	9	14	13	15	5	8	7	5	6	12	4	5		3	74	588-1	215	3257	3595	4354
≥.01	16	4	6	2	3	1	3	4	1	2		2	4	3		46	1368-1	101	3363	4108	4439

HOURS DURATION OF EVENTS

32 35.4N 142.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	1																6-1	1	1	1	4241
≥.11	1	2	1														18-1	4	8	8	4241
≥.10	4	2		3	1			1									48-1	11	33	33	4241
≥.08	25	23	15	12	9	10	3	5	1								228-1	100	422	436	4241
≥.06	40	22	17	10	10	13	12	13	18	14	6	2	6	3	5	16	228-1	200	1321	1370	4242
≥.05	50	27	17	20	14	17	8	12	15	14	14	5	2	3	3	25	246-1	242	1721	1777	4254
≥.04	49	30	17	16	11	16	13	13	15	13	11	11	8	9	9	32	294-1	263	2112	2183	4241
≥.03	44	30	14	11	12	13	13	20	11	9	7	9	13	7	5	43	414-1	261	2432	2520	4241
≥.02	55	23	16	11	10	8	11	10	15	4	7	9	7	8	9	62	582-1	256	2775	2940	4288
≥.01	34	10	11	8	5	5	8	9	5	3	1	3	3	6	3	71	594-2	185	3129	3455	4300

HOURS DURATION OF EVENTS

34 34.2N 155.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	2																6-2	2	2	2	4241
≥.11	2		1			1											36-1	5	15	16	4241
≥.10	10	6	5	3	1	1	1					1					72-1	27	[illegible]	[illegible]	4241
≥.08	51	34	33	21	19	14	11	9	10	4	3	2	2			3	138-1	216	898	916	4241
≥.06	34	29	17	21	26	18	24	26	14	14	18	6	3	8	7	19	204-1	284	2019	2073	4253
≥.05	48	34	21	19	20	19	18	18	26	11	17	14	6	7	5	39	216-1	322	2489	2558	4263
≥.04	44	28	20	26	13	16	19	12	23	14	13	11	5	14	6	52	372-1	316	2821	2943	4283
≥.03	33	18	20	13	17	11	16	12	19	12	12	9	9	9	6	71	372-1	287	3135	3277	4296
≥.02	21	10	13	5	8	10	11	5	5	8	7	10	7	4	4	84	510-1	212	3405	3656	4333
≥.01	11	5	1	4	3	4	1	2		2	2		2		3	57	1164-1	97	3552	4149	4453

HOURS DURATION OF EVENTS

35 34.2N 163.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12		1															12-1	1	2	2	4241
≥.11	2	1		1	1												30-1	5	13	13	4241
≥.10	11	12	3														66-1	29	65	67	4241
≥.08	48	35	30	19	15	19	12	7	3		8		4		2	3	126-1	205	864	871	4244
≥.06	46	35	38	25	18	12	32	25	11	12	15	6	4	11	7	19	162-2	316	2052	2083	4247
≥.05	41	34	25	19	33	15	17	22	19	9	16	10	10	8	8	40	186-1	326	2515	2559	4251
≥.04	51	21	23	16	19	21	16	11	28	12	11	3	8	13	7	60	270-1	320	2908	2976	4273
≥.03	37	17	12	13	14	11	14	11	9	13	9	7	9	10	9	76	366-1	271	3236	3332	4295
≥.02	25	13	8	8	6	9	5	9	7	7	6	5	5	7	5	84	594-1	209	3477	3697	4307
≥.01	8	5	3	2			7	2	2			2	1	2	1	54	1410-1	89	3764	4250	4506

HOURS DURATION OF EVENTS

37 32.9N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10	7	1			1												30-1	9	14	14	4241
≥.08	90	50	35	11	14	10	16	2	5	9	1	4	2	3	1	3	198-1	256	947	956	4246
≥.06	90	40	30	11	13	16	18	4	5	10	10	4	7	6	4	55	540-1	323	2720	2866	4347
≥.05	90	40	20	5	7	7	14	6		6	13	1	1	9	7	66	678-1	292	3183	3437	4450
≥.04	59	36	27	6	6	6	12	1	2	3	6		5	4	7	61	996-1	243	3460	3837	4519
≥.03	49	28	21	2	3	5	9	3	3	3	5	1	1	3	2	62	1338-1	200	3583	4019	4521
≥.02	31	16	10	1	1	5	9		5	3	1		2	3	6	58	1650-1	153	3744	4330	4682
≥.01	23	9	8			3	4		1	2	2		2	2	2	41	SEA-1	99	3852	4705	4927

HOURS DURATION OF EVENTS

38 31.5N 127.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	1																6-1	1	1	1	4241
≥.10	8	1															12-1	9	10	10	4241
≥.08	53	21	9	11	11	10	6	13	3	2	5	2	3	3	3	1	96-1	156	695	730	4248
≥.06	64	22	20	11	10	12	14	9	7	4	7	7	2	6	4	48	372-1	247	2209	2309	4279
≥.05	43	20	19	7	11	8	10	7	7	2	11	4	14	4	7	59	732-1	233	2787	2932	4418
≥.04	56	22	10	4	9	6	7	10	3	3	3	7	4	7	7	68	768-1	228	3155	3336	4453
≥.03	28	25	7	5	4	9	5	6	3	2	1	1	4	3	4	71	786-1	178	3442	3751	4528
≥.02	21	10	9	3	3	2	5	2	5		1	1	2	3	1	60	1350-1	128	3819	4250	4736
≥.01	7	2	2	1	3	1	1		2	2		2	1		1	37	SEA-1	62	4086	5071	5310

HOURS DURATION OF EVENTS

40 29.6N 165.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10			1		1												30-1	2	8	8	4241
≥.08	22	10	5	7	4	1	4	2	1	6		1				4	156-1	71	327	332	4241
≥.06	[illegible]	21	21	17	9	17	10	4	4	3	3	9	6	4	4	19	396-1	214	1374	1387	4247
≥.05	[illegible]	31	21	10	19	14	13	7	5	4	5	3	5	6	4	35	540-1	272	1835	1849	4247
≥.04	[illegible]	30	20	15	24	11	14	8	7	3	7	6	6	7	3	43	558-1	301	2295	2351	4287
≥.03	[illegible]	35	20	10	24	14	12	9	6	6	4	9	3	6	3	54	558-1	273	2681	2746	4323
≥.02	65	26	15	11	21	9	7	8	4	7	3	3	4	4	3	66	564-1	256	3052	3247	4341
≥.01	29	13	7	6	6	3	1	4	7	3	2	2	2	1	1	59	1272-1	146	3759	4298	4675

HOURS DURATION OF EVENTS

41 29.4N 134.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	1																6-1	1	1	1	4241
≥.10	4	3															12-3	7	10	10	4241
≥.08	35	27	25	18	16	[illegible]	[illegible]	4	3	1				2		1	114-1	141	488	488	4250
≥.06	55	36	25	25	29	[illegible]	5	13	12	10	3	6	5		4	12	180-1	275	1485	1502	4257
≥.05	60	37	26	17	25	29	16	25	10	16	7	10	7	5	4	20	222-1	314	1961	1984	4272
≥.04	61	32	28	19	24	25	23	14	11	19	11	9	4	10	2	36	234-1	328	2332	2357	4277
≥.03	59	31	22	23	19	22	21	17	12	12	16	8	7	8	8	48	240-1	333	2674	2719	4282
≥.02	42	24	20	19	16	15	7	18	10	15	9	8	7	5	7	69	438-1	291	3152	3288	4395
≥.01	17	8	5	5	5	2	6	5	5	5	3	5	4	1	3	77	738-1	156	3677	4189	4724

HOURS DURATION OF EVENTS

.5W

T*	TH
	4241
	4241
	4241
26	4241
128	4241
487	4241
2199	4257
3239	4321
3557	4344
3785	4365
4065	4448
4437	4648
4650	4723

1.2E

T*	TH
	4241
	4241
	4241
	4241
	4241
8	4241
247	4241
1126	4244
1645	4252
2020	4253
2282	4257
2615	4272
2817	4283

3.8W

T*	TH
	4241
	4241
	4241
	4241
2	4241
151	4241
1946	4269
3545	4490
3931	4571
4194	4651
4484	4793
5264	5446
5503	5579

5.2W

T*	TH
	4241
	4241
	4241
	4241
4	4241
56	4241
788	4241
1866	4245
2333	4254
2725	4260
3126	4298
3595	4354
4108	4439

5.1E

T*	TH
	4241
	4241
	4241
2	4241
16	4241
77	4241
916	4241
2074	4253
2558	4263
2943	4283
3277	4296
3656	4333
4149	4453

9.4W

T*	TH
	4241
	4241
	4241
	4241
	4241
14	4241
956	4246
2866	4347
3437	4450
3837	4519
4019	4521
4330	4682
4705	4927

5.0W

T*	TH
	4241
	4241
	4241
	4241
	4241
8	4241
332	4241
1377	4247
1849	4247
2351	4287
2746	4323
3247	4341
4298	4675

23 — 42.4N 172.1E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1	1	1														18-1	3	6	6	4241
≥.14		1	1	1													24-1	3	9	9	4241
≥.13	3	1	1	1			1										42-1	7	19	19	4241
≥.12	7	5	3	2		1						1					72-1	19	52	52	4241
≥.11	17	19	11	4	1	2	1				1			1			84-1	57	153	153	4241
≥.10	40	31	32	18	14	5	4	2	3	1				2		1	150-1	153	504	511	4241
≥.08	40	25	32	23	25	22	13	14	8	16	9	6	6	4	4	24	222-2	271	1883	1940	4248
≥.06	22	25	23	23	21	23	17	17	10	8	5	10	6	5	9	57	498-1	279	2804	2914	4253
≥.05	22	17	18	17	22	20	14	16	8	11	6	7	5	4	9	72	648-1	268	3171	3284	4269
≥.04	24	8	12	11	17	14	15	4	9	14	3	5	3	5	6	84	792-1	234	3448	3566	4280
≥.03	20	8	9	4	8	12	6	10	4	6	5	6	3	4	5	86	810-1	196	3738	3871	4348
≥.02	9	3	4	2	2	4	1	4	3	2	1	7	2	2	3	62	1386-1	111	3839	4177	4416
≥.01	2	3	1			1			1							33	1806-1	41	3433	4561	4641

HOURS DURATION OF EVENTS

24 — 41.0N 134.9W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	2																6-2	2	2	2	4241
≥.11	3	2	2														18-2	7	13	13	4241
≥.10	18	13	7	5	2			1									48-1	46	103	104	4241
≥.08	51	12	22	14	16	9	7	12	6	4	4	2	4	5	2	10	192-1	180	999	1070	4243
≥.06	39	21	13	22	20	9	14	13	11	4	9	7	2	11	6	32	330-1	233	1954	2145	4262
≥.05	57	28	14	17	18	9	10	16	2	9	7	7	9	9	7	45	522-1	264	[illegible]	2599	4264
≥.04	36	23	22	17	10	17	11	9	8	9	4	7	5	7	9	59	696-1	253	2805	3078	4356
≥.03	28	13	15	13	10	8	15	6	8	5	8	5	5	4	6	67	852-1	216	3131	3416	4392
≥.02	19	11	10	4	7	5	5	7	4	2	6	4	3	4	3	67	894-[illegible]	161	3441	3764	4420
≥.01	10	6	3	1	1	2	2	3		1	4	1		1		50	1830-[illegible]	85	3699	4201	4503

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14		2															12-2	2	4	4	4241
≥.13	3	1	2														18-2	6	11	11	4241
≥.12	4	4	1	3	1												30-1	13	32	34	4241
≥.11	10	9	5	1	2	3	1										42-1	31	82	84	4241
≥.10	39	20	24	8	6	4	3	2	1		1						66-1	108	294	301	4241
≥.08	39	39	45	28	20	25	18	11	12	10	4	8	2	2	5	6	168-1	274	1421	1455	4241
≥.06	48	27	35	26	23	23	25	21	14	15	7	12	9	5	6	33	246-1	329	2403	2491	4246
≥.05	37	31	29	24	25	19	18	18	13	8	11	14	6	14	5	54	246-1	326	2822	2915	4248
≥.04	32	28	25	19	25	16	11	19	6	10	6	8	9	15	5	74	288-1	308	3144	3248	4267
≥.03	27	20	11	17	15	16	7	15	15	7	7	6	4	10	8	70	726-1	255	3463	3568	4324
≥.02	10	10	8	4	15	6	9	6	5	6	3	4	2	4	6	75	744-1	173	3627	3917	4392
≥.01	7	3	2	1	1	2	1	1	1			4	2		1	42	1614-1	68	3352	4302	4514

HOURS DURATION OF EVENTS

27 — 36.2N 127.4W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	1																6-1	1	1	1	4241
≥.11			1														18-1	1	3	3	4241
≥.10	15	7	3	3	2	2	2	1	1								54-1	36	103	103	4241
≥.08	44	25	10	10	19	9	13	10	9	6	11	6	3	3	5	25	234-1	208	1492	1533	4261
≥.06	39	14	12	5	8	6	5	7	7	3	6	4	6	5	6	70	534-1	203	2926	3086	4369
≥.05	24	17	13	5	8	9	5	4	10	2	2	5	3	4	7	71	756-1	189	3340	3565	4468
≥.04	16	13	3	3	4	6	6	4	6	1	2		4	2	3	73	768-1	146	3443	3818	4478
≥.03	18	7	5	4	4	2	1	5		2	1	2	2	2		67	846-1	122	3510	4011	4484
≥.02	12	6	2	2		1	1	1	2		1			1	2	53	1038-1	84	3489	4502	4804
≥.01	8	4					1		1						1	28	SEA-1	43	3537	5236	5381

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	1																6-1	1	1	1	4241
≥.12				1													24-1	1	4	4	4241
≥.11	3	1			1												30-1	5	10	10	4241
≥.10	12	6	3	2	1	1		2									48-2	27	68	68	4241
≥.08	43	25	25	8	16	11	10	10	8	7	6	2		1		2	120-1	174	779	796	4242
≥.06	60	43	29	35	28	18	10	8	12	11	9	12	6	3	5	31	228-1	310	2000	2049	4258
≥.05	40	28	34	26	19	31	17	13	9	9	14	8	6	8	3	45	276-1	310	2472	2530	4270
≥.04	59	23	18	19	19	20	22	18	6	8	10	6	9	9	4	61	390-1	311	2874	2938	4277
≥.03	47	25	12	11	11	12	19	14	9	13	7	12	3	11	8	64	582-1	278	3170	3298	4300
≥.02	37	15	10	3	7	5	10	6	10	10	6	5	2	6	3	80	654-1	215	3505	3694	4303
≥.01	9	7	3	2	2	1	3	2	1	1	1	1	2	2		53	1170-1	90	3565	4160	4386

HOURS DURATION OF EVENTS

30 — 35.7N 176.1E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	1																6-1	1	1	1	4241
≥.12		2															12-2	2	4	4	4241
≥.11	1		1		1	1											36-1	4	15	15	4241
≥.10	18	9	3			2		1									48-1	33	65	65	4241
≥.08	46	18	26	15	27	14	9	5	7	7	3	2	1	1	2	2	132-1	185	832	834	4245
≥.06	50	27	32	30	31	21	23	12	21	10	10	11	8	4	3	22	216-1	315	2066	2085	4262
≥.05	54	23	19	21	30	13	26	18	12	16	11	12	10	15	4	36	240-1	320	2571	2630	4286
≥.04	40	23	15	21	24	18	15	21	10	17	11	13	9	10	8	55	294-1	310	2921	3000	4313
≥.03	43	20	16	14	15	18	13	13	17	12	11	11	8	5	8	67	384-1	291	3093	3291	4319
≥.02	26	12	10	13	4	9	14	5	10	4	10	6	3	2	6	75	924-1	209	3355	3698	4326
≥.01	14	6	4	2	1			2	2		3	1	2	1	2	49	1692-1	89	3453	4197	4434

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	1																6-1	1	1	1	4241
≥.11	1	2															18-1	4	8	8	4241
≥.10	4	2		3	1			1									48-1	11	33	33	4241
≥.08	25	13	15	12	9	10	3	5	1		1	3			1	2	144-1	100	422	436	4241
≥.06	40	22	[illegible]	10	13	12	11	18	14	6	2	6	3	5	3	16	228-1	200	1321	1370	4241
≥.05	50	21	[illegible]	20	14	17	8	12	15	14	14	5	5	2	3	25	240-1	242	1721	1777	4241
≥.04	49	30	[illegible]	16	11	16	[illegible]	13	11	13	11	11	8	9	3	32	294-1	263	2112	2183	4241
≥.03	44	30	14	11	12	13	[illegible]	20	11	9	7	9	13	7	5	43	414-1	261	2432	2520	4241
≥.02	55	23	16	11	10	8	11	11	5	4	7	9	7	8	9	62	588-1	256	2775	2940	4288
≥.01	34	10	11	8	5	5	8	9	5	3	1	3	3	6	3	71	594-2	185	3129	3455	4300

HOURS DURATION OF EVENTS

33 — 34.6N 145.9E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	1																6-1	1	1	1	4241
≥.11	6	1															12-1	7	8	8	4241
≥.10	17	14	4	2													24-2	37	65	65	4241
≥.08	34	29	31	32	19	16	13	5	5	4	6	1	1			3	144-1	199	876	895	4243
≥.06	47	35	39	33	33	20	19	21	9	9	11	5	7	6	4	16	180-1	314	1889	1929	4262
≥.05	42	27	30	40	34	28	22	16	20	7	16	7	7	4	8	28	192-1	336	2346	2407	4278
≥.04	46	22	23	36	21	22	23	19	19	6	14	10	10	8	6	43	216-2	328	2651	2771	4283
≥.03	41	25	21	27	9	21	14	12	13	8	10	5	13	11	3	68	474-1	301	2990	3128	4305
≥.02	28	15	21	14	9	8	6	7	11	8	4	[illegible]	3	6	10	83	726-1	238	3439	3626	4384
≥.01	14	6	6	5	10	3	1	1	1	2	2	1	2	2	3	67	1062-1	126	3523	4095	4427

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12		1															12-1	1	2	2	4241
≥.11	2	1		1	1												30-1	5	13	13	4241
≥.10	11	12	3	1		1					1						66-1	29	65	67	4241
≥.08	48	35	30	19	15	19	12	7	3		8		4		2	3	126-1	205	864	871	4244
≥.06	46	35	38	25	18	12	32	25	11	12	15	6	4	11	7	19	162-2	316	2052	2083	4247
≥.05	41	34	25	19	33	15	17	22	19	9	16	10	10	8	8	40	186-1	326	2515	2559	4251
≥.04	51	21	23	16	19	21	16	11	28	12	11	3	8	13	7	60	270-1	320	2908	2976	4273
≥.03	37	17	12	13	14	11	14	11	9	13	9	7	9	10	9	76	366-1	271	3236	3332	4295
≥.02	25	13	8	8	6	9	5	9	7	7	6	5	5	7	5	84	594-1	209	3477	3697	4307
≥.01	8	5	3	2			7	2	2			2	1	2	1	54	1410-1	89	3764	4250	4506

HOURS DURATION OF EVENTS

36 — 33.7N 123.9E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4240
≥.14																					4240
≥.13																					4240
≥.12																					4240
≥.11		1															12-1	1	2	2	4240
≥.10	1	1		1													24-1	3	7	7	4240
≥.08	36	28	16	11	7	5	2		2		2						66-2	109	303	303	4245
≥.06	75	44	30	24	41	23	12	4	13	9	6	5	2	2	1	3	162-1	294	1269	1270	4256
≥.05	46	34	51	25	26	31	19	15	14	8	11	10	5	6	1	10	168-1	312	1746	1753	4269
≥.04	71	38	33	37	22	28	25	15	13	8	11	7	5	9	2	26	168-1	350	2113	2140	4275
≥.03	54	39	33	27	18	18	26	17	16	11	14	6	11	8	5	35	222-1	338	2393	2432	4287
≥.02	56	43	26	16	19	17	12	15	12	9	10	13	7	7	7	55	360-1	324	2712	2759	4294
≥.01	54	31	17	16	9	12	7	13	16	7	8	8	2	5	6	72	498-1	283	2980	3050	4306

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	1																6-1	1	1	1	4241
≥.10	8	1															12-1	9	10	10	4241
≥.08	53	21	9	11	11	10	6	13	3	2	5	2	3	3	3	1	96-1	156	695	730	4248
≥.06	64	22	20	11	10	12	14	9	7	4	7	7	2	6	4	48	372-1	247	2209	2309	4279
≥.05	43	20	19	7	11	8	10	7	7	2	11	4	14	4	7	59	732-1	233	2787	2912	4418
≥.04	56	22	10	4	9	6	7	10	3	3	3	7	4	7	7	68	768-1	226	3155	3336	4453
≥.03	28	25	7	5	4	9	5	6	3	2	1	1	4	3	4	71	786-1	178	3442	3751	4528
≥.02	21	10	9	3	3	2	5	2	5		1	1	2	3	1	60	1350-1	128	3819	4250	4736
≥.01	7	2	2	1	3	1	1		2	2		2	1		1	37	SEA-1	62	4086	5071	5310

HOURS DURATION OF EVENTS

39 — 29.9N 177.3W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12			1														18-1	1	3	3	4241
≥.11	1					1											36-1	2	7	7	4241
≥.10	3	1	1													1	102-1	6	25	25	4241
≥.08	18	20	8	3	5	4		1	2	4	1	2	2		1	3	126-1	74	344	344	4241
≥.06	53	33	26	22	17	13	10	7	11	4	3	1	3	4		21	264-1	228	1320	1325	4241
≥.05	78	33	32	21	22	14	11	11	14	7	8	1	2	5	2	27	282-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	71	46	22	26	20	23	15	14	11	9	6	11	5	5	2	30	330-1	322	[illegible]	[illegible]	[illegible]
≥.03	66	23	12	25	17	18	22	14	19	11	9	6	5	7	1	48	402-1	303	2595	2670	4282
≥.02	49	16	19	9	12	5	9	13	9	7	7	8	6	4	7	63	612-1	243	3094	3233	[illegible]
≥.01	19	8	3	6	1	4	2	3	1	6	6	3	3	2	5	59	2190-1	131	3946	4325	4870

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	1																6-1	1	1	1	4241
≥.10	4	3															12-3	7	10	10	4241
≥.08	35	27	25	18	16	7	2	4	3	1				2		1	114-1	141	488	488	4250
≥.06	55	36	25	25	29	25	15	13	12	10	3	6	5		4	12	180-1	275	1485	1502	4267
≥.05	60	37	26	17	25	29	16	25	10	16	7	10	7	5	4	20	222-1	314	1961	1984	4272
≥.04	61	32	28	19	24	25	23	14	11	19	11	9	4	10	2	36	234-1	328	2332	2357	4277
≥.03	59	31	22	23	19	22	21	17	12	12	16	8	7	8	8	48	240-1	333	2674	2719	4282
≥.02	42	24	20	19	16	15	7	18	10	15	9	8	7	5	7	69	438-1	291	3152	[illegible]	4395
≥.01	17	8	5	5	5	2	6	5	5	5	3	5	4	1	3	77	738-1	156	3677	4189	4724

HOURS DURATION OF EVENTS

42 — 28.6N 139.2W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10		1	1														18-1	2	5	5	4241
≥.08	33	7	5	5	8	2	2	3	1	2		1	1		1		90-1	71	241	241	4241
≥.06	78	26	18	14	14	6	18	8	9	10	5	6	6	6	1	23	360-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	55	32	20	12	13	6	12	6	13	6	2	6	3	4	5	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	91	31	26	10	4	9	6	9	6	5	8	6	9	7	7	58	642-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	67	25	14	14	12	6	3	7	8	3	2	6	10	4	5	61	750-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	54	21	14	15	5	8	3	10	4	6	2		3	2	5	70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	39	12	8	5	7	2		2	4	2	2	1	1		3	62	1350-[illegible]	150	[illegible]	4215	[illegible]

HOURS DURATION OF EVENTS

2

SPRING

WAVE SLOPE (α)

43 — 28.2N 125.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4240
≥.14																					4240
≥.13																					4240
≥.12																					4240
≥.11																					4240
≥.10	3	1															12-1	4	5	5	4240
≥.08	30	28	9	12	6	6	4		1	1							60-1	97	274	274	4245
≥.06	77	56	32	24	22	17	10	8	5	5	6	6	1	1	4	12	144-1	286	1269	1269	4260
≥.05	74	44	37	23	24	23	24	14	7	5	9	7	4	3	4	20	180-1	322	1759	1762	4266
≥.04	76	47	35	36	18	25	22	22	11	10	5	10	6	8	8	26	180-1	365	2217	2240	4276
≥.03	73	41	32	32	26	20	19	24	16	16	6	11	6	8	5	35	264-1	370	2512	2580	4291
≥.02	63	36	30	21	11	11	20	15	18	11	13	10	10	6	10	56	300-1	341	2912	2990	4302
≥.01	56	26	18	10	4	6	9	12	5	6	7	3	7	4	8	73	630-1	254	3366	3565	4430

HOURS DURATION OF EVENTS

44 — 27.9N 150.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10	3	1	2	1													24-1	7	15	15	4241
≥.08	27	18	9	4	5	4	3	2	3		1	1	1	2		1	108-1	81	301	301	4241
≥.06	60	35	28	18	25	13	10	13	6	6	3	3	3	3		10	222-1	236	1151	1176	4247
≥.05	83	37	32	29	19	16	19	10	7	11	7	6	4	3	3	17	228-1	303	1601	1636	4250
≥.04	92	46	33	33	21	17	17	19	13	8	12	9	2	4	4	27	246-1	357	2066	2117	4262
≥.03	86	29	34	27	28	10	18	12	18	12	9	6	9	8	7	39	264-1	352	2474	2539	4266
≥.02	77	28	17	12	23	11	15	7	6	7	8	5	8	5	6	71	588-1	306	3026	3130	4323
≥.01	3	11	5	5	9	2	3	3	2	1	3	5	2	5	3	63	1350-1	153	3559	3904	4408

HOURS DURATION OF EVENTS

46 — 26.1N 170.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10	2																6-2	2	2	2	4241
≥.08	23	13	5	6	6	4	6	1	2	2	1			1	1	1	108-1	72	288	288	4241
≥.06	73	35	17	11	9	6	7	4	7	1	2	9	4	2	3	26	192-1	216	1271	1272	4254
≥.05	71	32	22	21	13	11	11	6	7	6	5		5	4	2	36	300-1	252	1763	1766	4267
≥.04	99	23	20	18	14	12	6	12	5	8	6	4	6	6	4	46	312-1	289	2235	2252	4279
≥.03	80	34	20	14	18	11	12	8	5	5	7	6	4	5	2	50	528-1	281	2529	2627	4279
≥.02	56	26	16	15	9	8	6	11	8	3	2	6	3	5	3	57	750-1	234	3015	3144	4356
≥.01	31	14	15	5	4	2	3		5	5	3	2	1		1	57	1038-1	148	3499	3969	4614

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10				1													24-1	1	4	4	4243
≥.08	29	12	12	3	1	1	4		2								54-2	64	158	173	4249
≥.06	107	45	24	21	5	13	14	9	10	7	9	4	5	6	3	19	336-1	301	1562	1639	4253
≥.05	121	57	34	17	17	7	10	12	9	9	8	5	3	8	5	39	510-1	361	2163	2266	4280
≥.04	108	41	28	14	19	13	16	6	11	11	7	6	4	6	3	53	576-1	346	2684	2839	4304
≥.03	60	18	18	12	13	9	11	9	6	12	7	2	5	3	4	64	636-1	253	3193	3451	4357
≥.02	23	11	3	3	2	1	2	2	3	2	3			1	1	53	1698-1	110	3368	4474	4804
≥.01	3	1	2		2	1	2					1			1	25	SEA-4	38	3625	5519	5593

HOURS DURATION OF EVENTS

49 — 22.6N 128.0E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10	1	1	2														18-2	4	9	9	4241
≥.08	33	10	8	7	4	1	1	2	2	1						3	162-1	72	246	246	4241
≥.06	76	34	21	13	15	10	7	8	10	6	7	3	3	2		12	204-1	227	1101	1101	4256
≥.05	96	51	31	14	12	13	13	6	10	8	8	3	2	2	9	21	384-1	299	1605	1618	4285
≥.04	112	39	42	19	27	8	17	12	8	8	6	6	3	8	7	32	402-1	334	2121	2139	4316
≥.03	118	39	30	26	19	11	14	8	12	12	10	5	5	4	6	46	408-1	365	2563	2595	4325
≥.02	90	37	23	14	9	18	10	11	8	6	7	9	6	3	3	60	660-1	314	3138	3211	4358
≥.01	48	13	8	4	8	6	4	1	5	5	2	1	3	1	2	66	1002-1	177	3820	4131	4599

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10	2																6-2	2	2	2	4241
≥.08	39	14	10	5	3	3	2	2	1	1		2	4		1	3	174-1	90	358	363	4241
≥.06	81	40	26	16	10	11	8	2	5	4	2	5	6	3	2	30	648-1	251	1824	1890	4411
≥.05	79	29	20	17	18	14	7	5	2	2	6	4	4	8	2	40	666-1	257	2379	2459	4474
≥.04	93	30	16	13	11	13	12	5	10	4	1	3	7	4	1	50	SEA-1	273	3021	3133	4693
≥.03	83	35	20	5	8	9	6	7	6	3	4	4	5	2	3	57	SEA-1	257	3401	3525	4773
≥.02	75	30	27	6	4	7	4	6	4	2	5	2	2	2	4	62	SEA-1	242	3643	3848	4793
≥.01	62	18	20	3	5	7	2	3	2	1	5	7	3	1	4	51	SEA-1	194	3584	4347	4897

HOURS DURATION OF EVENTS

52 — 19.2N 127.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	1	1															12-1	2	3	3	4241
≥.10	3					1											36-1	4	9	9	4241
≥.08	[illegible]	20	18	6	7	5	5	2		3	3	4	2			3	132-1	166	518	540	4250
≥.06	77	38	28	16	17	15	18	10	9	7	5	5	4	5	4	45	528-1	301	2476	2643	4300
≥.05	82	25	18	11	11	16	9	6	3	3	11	2	8	4	4	63	786-1	280	3081	3290	4400
≥.04	64	16	17	14	7	12	7	8	4	4	9	3	5	1	5	67	786-1	243	3543	3792	4553
≥.03	35	14	9	13	6	8	3	4	4	6	7	1	7	2	3	59	906-1	181	3783	4211	4719
≥.02	15	9	8	2	5	2	2	1	1	1	2	2		1		49	1710-1	100	3915	4655	4904
≥.01	1	3	1		1		1	1	1			1	3			16	SEA-3	29	3554	5105	5147

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	1		1														18-1	2	4	4	4241
≥.11	2	1	2														18-2	5	10	10	4241
≥.10	10	4	2	1	1	1	1										42-1	20	46	46	4241
≥.08	41	17	11	8	8	2	4	1	3	[illegible]		2		2	2	1	108-1	105	385	385	4241
≥.06	66	32	19	9	12	6	10	11	6	5	4	3	3	4	1	15	252-1	206	1119	1125	4248
≥.05	127	47	29	7	15	6	7	12	7	1	6	3	2	3	5	19	306-2	306	1489	1498	4254
≥.04	161	69	40	13	15	8	7	10	9	3	6	3	2	4	4	29	306-2	383	1830	1852	4275
≥.03	157	57	47	15	7	16	9	9	10	5	1	3	4	2	4	41	366-1	387	2194	2217	4280
≥.02	143	53	34	23	8	12	8	5	11	3	7	2	4	3	1	52	486-1	369	2696	2752	4322
≥.01	104	27	16	14	4	3	7	3	9		3	4	4	3	3	42	912-1	246	2987	3445	4380

HOURS DURATION OF EVENTS

55 — 17.6N 138.5E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4240
≥.14																					4240
≥.13																					4240
≥.12																					4240
≥.11	2																6-2	2	2	2	4240
≥.10	3	2	3	2													24-2	10	24	31	4240
≥.08	52	19	11	11	9	8	9	2	8	2	1		2	2	1	4	180-1	141	615	635	4240
≥.06	69	36	26	15	15	6	7	8	6	4	4	6	3	1	3	31	342-1	240	1648	1740	4242
≥.05	74	31	26	21	10	15	8	3	5	3	9	6	5	3	5	38	504-1	262	2031	2198	4260
≥.04	77	35	28	19	13	4	7	1	6	3	7	3	6	10	1	44	726-1	264	2300	2564	4267
≥.03	77	24	29	13	10	4	4	3	2	5	5	3	5	5	3	47	738-1	239	2500	2868	4284
≥.02	66	24	20	11	10	5	4	1	1	4	2	1		3	1	49	1146-1	202	2754	3272	4317
≥.01	35	15	15	3	3	2	2	1	2	3		1	1			45	1248-1	128	3056	3956	4502

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11		2															12-2	2	4	4	4241
≥.10	4	1					1										42-1	6	13	13	4241
≥.08	28	1	4	1	2	2		1				1				1	96-1	41	104	104	4244
≥.06	130	48	39	21	15	10	6	1	3	3	3	2		1	2	2	144-1	286	814	817	4248
≥.05	156	78	38	29	25	24	12	10	8	6	1	2	1	3	3	8	150-1	404	1390	1405	4248
≥.04	194	88	56	32	28	25	19	14	9	6	10	4	3	4	4	13	180-1	509	1914	1967	4249
≥.03	173	77	61	22	25	27	12	14	14	9	16	4	9	7	2	29	210-1	501	2423	[illegible]	4264
≥.02	122	54	49	12	21	19	13	10	5	7	10	6	5	2	9	55	924-1	399	3036	3147	4296
≥.01	36	16	9	4	3	5	6	4	3	1	6	1		2	4	52	1614-1	152	3131	3910	4321

HOURS DURATION OF EVENTS

58 — 14.5N 127.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13	1																6-1	1	1	1	4241
≥.12				1													24-1	1	4	4	4241
≥.11						1											36-1	1	6	6	4241
≥.10	2		2			1											36-1	5	14	14	4241
≥.08	19	7	5	10	3	3	3	1		1	2	1	1			1	102-1	57	224	224	4241
≥.06	65	35	17	8	5	8	5	5	3	5	2	1		1	2	15	144-3	197	833	836	4244
≥.05	113	45	32	10	10	10	10	9	7	1	2	1	3	1	3	21	282-1	278	1248	1260	4257
≥.04	154	42	34	16	15	9	12	12	6	4	6	3	2	1	5	26	288-1	347	1574	1677	4260
≥.03	[illegible]	64	31	19	11	9	11	7	8	6	6	9	1	5	6	34	288-1	377	1976	2116	4262
≥.02	128	51	17	21	11	6	11	8	4	4	6	1	5	4	4	46	540-1	328	2557	2723	4278
≥.01	62	29	18	11	7	5	3	2	5	7	2			3	1	53	978-1	208	2989	3373	4316

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	1																6-1	1	1	1	4241
≥.10	1			2													24-2	1	9	9	4241
≥.08	40	13	11	4	3	1	4	1	1	1	3	1		3		4	240-1	90	[illegible]	392	4242
≥.06	101	39	19	11	15	10	10	9	10	7	1	4	8	4	6	47	[illegible]	301	[illegible]	2812	4392
≥.05	58	19	25	8	12	10	4	3	5	16	6	3	2	4	[illegible]	52	[illegible]	235	[illegible]	[illegible]	4409
≥.04	53	12	15	6	9	11	5	4	2	3	2	2	5	5	2	53	[illegible]	194	[illegible]	[illegible]	4473
≥.03	26	8	7	2	4	5	5	3	2	1	2	1	1	3	2	48	[illegible]	120	[illegible]	[illegible]	4419
≥.02	14	2	2	2		1	1		1	1				3		12	SEA-2	59	[illegible]	[illegible]	4715
≥.01																14	SEA-6	15	2959	4807	4843

HOURS DURATION OF EVENTS

61 — 12.0N 156.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	1																6-1	1	1	1	4241
≥.10	6	1			1												30-1	8	13	13	4241
≥.08	53	14	14	3	9		4		3	2	2		4	1		4	210-1	113	428	434	4241
≥.06	142	38	46	15	7	13	13	10	4	7	2	2	1		2	28	630-1	334	1825	1941	4245
≥.05	146	29	30	10	14	12	17	10	9	3	7	3	1	4	2	40	648-1	335	2469	2618	4259
≥.04	189	21	20	5	15	10	10	9	6	6	7	3	4	2	5	48	870-1	277	2829	3191	4279
≥.03	[illegible]	14	12	7	10	3	5	8	3	4	4	2	2	2	2	52	1080-1	198	3003	3649	4300
≥.02	42	8	3		5	3	2	3	3	2	1	1	1	3		40	1356-1	115	3085	4004	4302
≥.01	11	1	1		3				2		1				1	14	SEA-2	34	2665	4328	4407

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10																					4241
≥.08																					4241
≥.06	2	1	1														18-1	4	7	7	4241
≥.05	5	3	1				1										42-1	10	21	21	4241
≥.04	18	5	2	3	2		1	1									48-1	12	41	41	4244
≥.03	15	8	5	5	2	3	2	2	2						1		90-1	45	157	157	4246
≥.02	32	14	9	4	4	3	4	4	2	1	2		1			5	156-1	85	371	371	4246
≥.01	29	22	7	5	5	3	3	2	4	2	3	3	3	1	1	18	402-1	109	858	862	4261

HOURS DURATION OF EVENTS

WAVE SLOPE α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11		
≥.10		
≥.08	33	1
≥.06	78	3
≥.05	57	3
≥.04	69	3
≥.03	59	2
≥.02	50	1
≥.01	20	1

WAVE SLOPE α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11		
≥.10		
≥.08	23	1
≥.06	80	3
≥.05	85	2
≥.04	73	2
≥.03	54	1
≥.02	32	1
≥.01	7	3

WAVE SLOPE α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11		
≥.10	5	
≥.08	36	11
≥.06	82	20
≥.05	68	30
≥.04	66	23
≥.03	52	20
≥.02	43	8
≥.01	20	6

WAVE SLOPE α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11		
≥.10	5	
≥.08	54	14
≥.06	97	30
≥.05	55	15
≥.04	70	20
≥.03	37	17
≥.02	29	11
≥.01	11	7

WAVE SLOPE α	6	12
≥.15		
≥.14		
≥.13		
≥.12	2	
≥.11	1	
≥.10	8	
≥.08	100	11
≥.06	141	34
≥.05	[illegible]	38
≥.04	[illegible]	38
≥.03	[illegible]	38
≥.02	85	27
≥.01	29	16

WAVE SLOPE α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11		
≥.10		
≥.08	8	2
≥.06	44	22
≥.05	87	21
≥.04	[illegible]	35
≥.03	[illegible]	41
≥.02	[illegible]	55
≥.01	[illegible]	50

WAVE SLOPE α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11		
≥.10		
≥.08		
≥.06	1	
≥.05	3	1
≥.04	13	2
≥.03	28	7
≥.02	44	12
≥.01	35	18

WAVE SLOPE (α) DURATIONS (Cont'd)

44 — 27.9N 150.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10	3	1	2	1													24-1	7	15	15	4241
≥.08	27	18	9	4	5	4	3	2	3		1	1	1	2		1	108-1	81	301	301	4241
≥.06	60	35	28	18	25	13	10	13	6	6	3	3	3	3		10	222-1	236	1151	1176	4247
≥.05	83	37	32	29	19	16	19	10	7	11	7	6	4	3	3	17	228-1	303	1601	1636	4250
≥.04	92	46	33	33	21	17	17	19	13	8	12	9	2	4	4	27	246-1	357	2066	2117	4262
≥.03	86	29	34	27	28	10	18	12	18	12	9	6	9	8	7	39	264-1	352	2474	2539	4266
≥.02	77	28	17	12	23	11	15	7	6	7	8	5	8	5	6	71	588-1	306	3026	3130	4323
≥.01	31	11	5	5	9	2	3	3	2	1	3	5	2	5	3	63	1350-1	153	3559	3904	4408

HOURS DURATION OF EVENTS

45 — 27.8N 145.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10		2	2														18-2	4	10	10	4241
≥.08	33	13	5	3	5	6	3	2	2	2	2	1				3	204-1	80	331	331	4241
≥.06	78	34	21	22	10	8	7	8	8	10	3	4	4	2	2	33	336-2	254	1752	1797	4270
≥.05	57	30	28	19	8	11	8	5	6	12	6	2	4	4	4	45	462-1	249	2310	2355	4299
≥.04	69	32	13	15	12	11	5	6	5	9	6	5	3	1	6	52	744-1	250	2790	2871	4387
≥.03	59	29	13	8	10	15	6	3	7	6	6	4	2	4	6	59	786-1	237	3278	3318	[illegible]
≥.02	50	14	11	8	10	3	9	4	5	3	5	2	8	1	2	64	1410-1	199	3496	3799	4638
≥.01	20	12	2	3	4	1	9	1	3		2		1	1	3	53	1434-1	115	3613	4332	4729

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10				1													24-1	1	4	4	4243
≥.08	29	12	12	3	1	1	4		2								54-2	64	158	173	4249
≥.06	107	45	24	21	5	13	14	9	10	7	9	4	5	6	3	19	336-1	301	1562	1639	4253
≥.05	121	57	34	17	17	7	10	12	9	9	8	5	3	8	5	39	510-1	361	2163	2266	4280
≥.04	108	41	28	14	19	13	16	6	11	11	7	6	4	6	3	53	576-1	346	2684	2839	4304
≥.03	60	18	18	12	13	9	11	9	6	12	7	2	5	3	4	64	636-1	253	3193	3451	4357
≥.02	23	11	3	3	2	1	2	2	3	2	3			1	1	53	1698-1	110	3368	4474	4804
≥.01	3	1	2		2	1	2					1			1	25	SEA-4	38	3625	5519	5593

HOURS DURATION OF EVENTS

48 — 23.5N 151.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10																					4241
≥.08	23	17	11	4	7	3	6	1	6	1	1	1			1	6	156-1	88	435	435	4247
≥.06	80	35	27	10	13	14	7	3	5	4	6	4	3	3	4	37	528-1	255	1972	2134	4293
≥.05	85	25	26	9	8	7	4	6	4	5	2	1	6	4	7	52	780-1	251	2552	2801	4408
≥.04	73	25	22	15	8	7	6	8	6	8	3	3	2	1	4	60	792-1	251	3030	3134	4449
≥.03	54	15	19	11	5	8	4	8	3	8	5	3	1	6	2	65	1146-1	217	3557	3899	4701
≥.02	32	12	8	7	7	3	1	4	7		2	3	2	3	3	53	924-1	147	3552	4327	4825
≥.01	7	3	3	1	3	1	1	1	1			1	2			36	1842-1	60	3339	4796	4964

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10	2																6-2	2	2	2	4241
≥.08	39	14	10	5	3	3	2	2	1	1		2	4		1	3	174-1	90	358	363	4241
≥.06	81	40	26	16	10	11	8	2	5	4	2	5	6	3	2	30	648-1	251	1824	1890	4411
≥.05	79	29	20	17	18	14	7	5	2	2	6	4	4	8	2	40	666-1	257	2379	2459	4474
≥.04	93	30	16	13	11	13	12	5	10	4	1	3	7	4	1	50	SEA-1	273	3021	3133	4693
≥.03	83	35	20	5	8	9	6	7	6	3	4	4	5	2	3	57	SEA-1	257	3401	3525	4773
≥.02	75	30	27	6	4	7	4	6	4	2	5	2	2	2	4	62	SEA-1	242	3643	3848	4793
≥.01	62	18	20	3	5	7	2	3	2	1	5	7	3	1	4	51	SEA-1	194	3584	4347	4897

HOURS DURATION OF EVENTS

51 — 20.5N 177.1W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10	5																6-5	5	5	5	4241
≥.08	36	11	11	3	3	5	7	2	1	1	4		1			6	222-1	91	427	435	4241
≥.06	82	20	27	9	7	14	5	6	10	6	6	2	2	6	2	30	894-1	234	1887	1990	4260
≥.05	68	30	23	11	11	11	1	3	10	4	6	6	9		1	43	1026-1	237	2259	2553	4278
≥.04	66	23	17	15	12	6	5	3	9	4	2	3	6	3	4	58	1032-1	236	2865	3183	4464
≥.03	52	20	12	9	11	7	7	1	4	5	3	3	2	5	2	58	774-1	201	2838	3634	4538
≥.02	43	8	10	7	3	4	5	1	3	2	2		1	7		53	846-1	149	3025	4017	4562
≥.01	20	6	5	1	1	2	1	1	1	1	1				1	39	SEA-1	80	3864	5232	5490

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	1																18-1	2	4	4	4241
≥.11	2	1															18-2	5	10	10	4241
≥.10	10	4	2	1	1	1	1										42-1	20	46	46	4241
≥.08	41	17	11	8	8	2	4	1	3	3		2		2	2	1	108-1	105	385	385	4241
≥.06	66	32	19	9	12	6	10	11	6	5	4	3	3	4	1	15	252-1	206	1119	1125	4248
≥.05	127	47	29	7	15	6	7	12	7	11	6	3	2	3	5	19	306-2	306	1489	1498	4254
≥.04	161	69	40	13	15	8	7	10	9	3	6	3	2	4	4	29	306-2	383	1830	1852	4275
≥.03	157	57	47	15	7	16	9	9	10	5	1	3	4	2	4	41	366-1	387	2194	2217	4280
≥.02	143	53	34	23	8	12	8	5	11	3	7	2	4	3	1	52	486-1	369	2696	2752	4322
≥.01	104	27	16	14	4	3	7	3	9		3	4	4	3	3	42	912-1	246	2987	3445	4380

HOURS DURATION OF EVENTS

54 — 18.2N 168.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10	5		2	1		1											36-1	9	21	21	4241
≥.08	54	14	8	11	5	5	1	6	6	1	1	3	3	1	1	11	294-1	131	747	780	4245
≥.06	97	30	24	10	9	8	8	14	8	4	6	3	5	3	6	35	726-1	270	2192	2376	4250
≥.05	55	15	22	10	11	6	7	8	10	7	8	3	6	4	1	42	1086-1	215	2523	2943	4285
≥.04	70	20	19	12	6	6	4	8	5	6	8	1	4	3	1	53	1086-1	226	2672	3326	4298
≥.03	37	17	11	8	8	2	2	4	5	4	6		2	1	3	59	1350-1	169	3031	3729	4374
≥.02	29	11	1	5	4	3		2	2	1	3	1		2	1	50	1350-1	115	2906	4238	4624
≥.01	11	7	1	2	1	1	1	3	1			1		1	1	28	SEA-1	59	3537	4901	5263

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11		2															12-2	2	4	4	4241
≥.10	4	1					1										42-1	6	13	13	4241
≥.08	28	1	4	1	2	2		1				1				1	96-1	41	104	104	4244
≥.06	130	48	39	21	15	10	6	1	3	3	3	2		1	2	2	144-1	286	814	817	4248
≥.05	158	78	38	29	25	24	12	10	8	6	1	2	1	3	3	8	150-1	404	1390	1405	4248
≥.04	194	88	56	32	28	25	19	14	9	6	10	4	3	4	4	13	180-1	509	1914	1967	4249
≥.03	173	77	61	22	25	27	12	14	14	9	16	4	9	7	2	29	210-1	501	2423	2488	4264
≥.02	122	54	49	12	21	19	13	10	5	7	10	6	5	2	9	55	924-1	399	3036	3147	4298
≥.01	36	16	9	4	3	5	6	4	3	1	6	1		2	4	52	1614-1	152	3131	3910	4321

HOURS DURATION OF EVENTS

57 — 14.9N 147.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12	2		1														18-1	3	5	5	4241
≥.11	1									1							60-1	2	11	11	4241
≥.10	8		3	1				1							1		90-1	14	44	44	4241
≥.08	100	11	19	7	7	6	7	2	5	1	2		5	2	1	3	174-1	178	591	627	4241
≥.06	141	34	32	19	18	12	11	5	6	6	5	3	5	1	5	29	360-2	332	1789	1921	4251
≥.05	178	38	35	14	25	8	17	7	7	1	9	2	5	4	7	39	618-1	396	2289	2467	4282
≥.04	180	38	31	12	22	11	15	9	12		8	3	7	1	5	43	618-1	397	2574	2869	4293
≥.03	138	38	34	7	19	13	9	6	9	1	7	2	6	4	3	47	876-1	343	2739	3199	4295
≥.02	85	27	21	5	12	6	12	4	4	2	3	3	8	2	5	45	1092-1	244	2881	3604	4313
≥.01	29	16	5	1	2	2	2	1		2	2	2	1		1	30	1836-1	96	3192	4432	4733

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11	1																6-1	1	1	1	4241
≥.10	1			2													24-2	3	9	9	4241
≥.08	40	13	11	4	3	1	4	1	1	1	3	1		3		4	240-1	90	386	392	4242
≥.06	101	39	19	11	15	10	10	9	10	7	1	4	8	4	6	47	852-1	301	2680	2812	4392
≥.05	58	19	25	8	12	10	4	3	5	16	6	3	2	4	8	52	858-1	235	3023	3460	4409
≥.04	53	12	15	6	9	11	5	4	2	3	2	2	5	5	7	53	1026-1	194	3291	3880	4473
≥.03	26	8	7	2	4	5	5	3	2	1	2	1	1	3	2	48	1230-1	120	3365	4064	4419
≥.02	14	2	2	2		1	1		1	1				3		32	SEA-2	59	3635	4558	4715
≥.01			1													14	SEA-6	15	2959	4807	4843

HOURS DURATION OF EVENTS

60 — 12.2N 112.6E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10																					4241
≥.08	8	2	5	1			1		1		1					1	114-1	20	77	77	4241
≥.06	44	22	13	10	4	4	3	7		1	1		2	3		8	384-1	122	605	607	4311
≥.05	87	21	17	12	6	7	3	5	4	3	3	2	3		2	12	390-1	185	900	906	4327
≥.04	126	35	27	18	9	9	3	4	2	2	2	4	2	4		17	462-1	264	1232	1241	4340
≥.03	160	41	30	15	15	3	8	6	2		2	2	1	3	2	28	486-1	318	1578	1592	4367
≥.02	144	55	36	7	14	7	6	7	1	7	5	4	2	3	2	37	492-1	339	2066	2092	4417
≥.01	126	50	29	5	12	5	10	4	5	5	4	3	4	3	3	43	1086-1	311	2497	2532	4434

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					4241
≥.13																					4241
≥.12																					4241
≥.11																					4241
≥.10																					4241
≥.08																					4241
≥.06	2	1	1														18-1	4	7	7	4241
≥.05	5	3	1				1										42-1	10	21	21	4241
≥.04	18	5	2	3	2		1	1									48-1	32	71	71	4244
≥.03	15	8	5	5	2	3	2	2	2						1		90-1	45	157	157	4246
≥.02	32	14	9	4	4	3	4	4	2	1	2		1			5	156-1	85	371	371	4246
≥.01	29	22	7	5	5	3	3	2	4	2	1	3	3	1	1	18	402-1	109	858	862	4263

HOURS DURATION OF EVENTS

63 — 2.1N 123.6E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4241
≥.14																					[illegible]
≥.13																					[illegible]
≥.12																					[illegible]
≥.11																					[illegible]
≥.10																					[illegible]
≥.08																					[illegible]
≥.06	1																6-1	1	1	1	[illegible]
≥.05	3	1															12-1	4	5	5	[illegible]
≥.04	13	2	1	2													24-2	18	28	28	[illegible]
≥.03	28	7	6	1	3	2	1	1	1			1			1	2	294-1	54	215	215	[illegible]
≥.02	44	12	12	9	10	5	4	8	1	3	1	3	1	1	1	14	528-1	129	807	827	[illegible]
≥.01	35	18	12	11	7	1	5	5	4		4	2	3	1	1	29	1044-1	138	2105	2454	[illegible]

HOURS DURATION OF EVENTS

4

WAVE SLOPE (α) DURATIONS

1 — 64.0N 166.7W

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13																					4100
> .12																					4100
> .11	1		1														18-1	2	4	4	4100
> .10	2	3	1		1			1									48-1	8	24	24	4101
> .08	51	4	11	10	6	4	4	2	2	1	1	3	2		2	3	150-1	108	433	435	4112
> .06	48	22	18	13	15	14	12	10	9	5	10	4	5		3	26	234-1	214	1540	1585	4174
> .05	38	24	21	14	17	14	15	7	14	6	8	2	7	6	3	34	378-1	228	1909	1993	4185
> .04	35	27	26	17	14	17	15	10	6	6	7	8	8	3	8	44	378-1	251	2291	2393	4203
> .03	36	25	17	13	26	10	12	13	11	8	5	10	7	4	8	49	390-1	254	2581	2715	4210
> .02	26	15	16	8	17	15	9	12	7	11	5	8	8	4	7	64	420-1	232	2908	3069	4220
> .01	26	13	9	6	9	13	8	7	7	7	1	5	2	5	4	73	510-1	195	3163	3450	4252

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13																					4100
> .12	2	2															12-2	4	6	6	4100
> .11	2	2	2			1											36-1	7	18	18	4100
> .10	6	4	3	5	1	1	1	2	2								54-2	25	95	95	4102
> .08	15	19	10	10	13	9	12	10	8	5	4	3	1	3	6	5	138-1	133	848	861	4132
> .06	32	28	15	20	18	18	8	9	8	9	11	3	7	4	4	39	264-1	233	1949	1981	4158
> .05	18	32	14	10	22	22	14	12	9	7	8	10	4	6	4	52	270-2	244	2413	2451	4192
> .04	27	22	16	11	19	22	13	1	11	15	3	14	4	4	4	60	600-1	246	2729	2878	4279
> .03	24	17	17	15	17	15	11	7	5	10	6	10	9	6	5	62	600-1	236	2939	3205	4322
> .02	21	6	14	10	9	7	11	8	5	5	4	6	4	6	3	69	612-1	188	3109	3691	4482
> .01	9	1	3	4	7	3		2	4	2	1	4	2	2	1	57	SEA-1	102	3596	4371	4755

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13																					4100
> .12	2																6-2	2	2	2	4100
> .11	2	1		1	2				1								54-1	7	27	27	4108
> .10	10	8	5	7	3	3	1	2					1	1			84-1	41	152	152	4118
> .08	40	20	15	13	17	11	12	10	6	9	6	4	3	3	1	8	132-1	178	997	1014	4140
> .06	36	21	15	15	17	11	16	6	14	11	7	4	4	8	2	52	378-1	239	2253	2300	4217
> .05	34	14	24	11	12	21	15	12	5	7	9	8	7	8	5	60	390-1	252	2648	2766	4251
> .04	33	16	16	13	4	17	12	9	11	8	7	4	9	3	7	72	396-1	241	2877	3131	4280
> .03	22	14	12	12	9	5	11	10	11	11	6	3	7	2	5	77	546-1	217	3054	3426	4323
> .02	24	12	7	5	3	5	2	7	5	6	4	5	4	4	3	76	750-1	172	3230	3814	4408
> .01	16	5	6	1	2	3	4	2	3	2				2	1	52	SEA-1	99	3240	4639	4940

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13																					4100
> .12	2				1												30-1	3	7	7	4100
> .11	4	2	1	3	1		1										42-1	12	35	35	4100
> .10	6	4	6	4	3		3	1	2								54-2	29	110	113	4100
> .08	26	11	13	12	15	8	4	9	5	4	3	3	2			10	204-1	125	751	793	4131
> .06	39	23	9	17	14	25	14	11	12	12	7	10	6	1	6	20	528-1	226	1793	1874	4266
> .05	43	20	27	12	14	13	18	8	6	11	13	12	11	4	4	34	540-1	250	2154	2312	4273
> .04	41	22	20	12	17	15	14	5	9	7	8	11	5	9	9	48	540-1	252	2467	2695	[illegible]
> .03	24	29	16	8	12	6	8	6	10	8	4	7	11	4	8	66	552-1	227	2875	3136	[illegible]
> .02	33	19	10	7	6	4	6	2	6	5	3	4	5	2	3	70	582-1	185	3093	3638	4459
> .01	11	6	9		5	5	4	2		3			2	1		41	SEA-1	89	[illegible]	4406	[illegible]

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13																					4100
> .12	1																6-1	1	1	1	4100
> .11	1	2	1														18-1	4	8	8	4100
> .10	3	4	6	1		2				1							60-1	17	55	55	4108
> .08	27	17	19	13	16	8	6	14	3	3	1	2	2	3	2	2	102-1	138	675	695	4118
> .06	32	15	20	20	22	20	19	8	7	18	13	4	4	2	4	28	228-1	236	1737	1792	4136
> .05	45	22	13	17	14	16	20	12	9	14	7	13	7	5	5	40	270-1	259	2147	2234	4173
> .04	39	20	19	17	16	13	8	22	10	13	9	10	6	6	4	55	276-1	267	2469	2587	4178
> .03	48	22	21	10	9	22	6	12	18	10	6	12	5	4	3	61	360-1	269	2769	2908	4206
> .02	31	28	11	20	7	10	7	4	8	7	3	11	4	1	4	74	618-1	230	3035	3388	4323
> .01	22	15	9	7	6	5	2	6		5	1	4	2	1		65	SEA-2	150	3714	4784	5259

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13	1																6-1	1	1	1	4100
> .12	2	2															12-2	4	6	6	4100
> .11	11	4	3	1	1												30-1	20	37	37	4100
> .10	20	15	8	4	7	2	4	1	1					1			84-1	63	196	196	4106
> .08	47	23	25	18	17	12	16	11	10	7	6	4	2	5	2	8	138-1	213	1150	1183	4139
> .06	43	22	18	15	13	10	13	14	11	9	17	8	10	5	2	48	222-1	258	2280	2375	4179
> .05	38	29	21	23	13	5	9	12	12	11	7	11	12	4	5	63	330-1	275	2729	2837	[illegible]
> .04	42	16	18	17	16	14	6	9	9	9	7	6	10	10	2	73	348-1	264	3018	3173	[illegible]
> .03	33	18	11	6	14	12	9	5	11	8	4	5	6	8	5	76	432-1	231	3251	3455	4253
> .02	25	4	10	8	7	10	5	7	7	4	5	2	6	4	3	71	492-1	178	3318	3760	4294
> .01	8	2	2		1	3	5	3	2	3	1	3		2		52	SEA-1	[illegible]	[illegible]	4969	5228

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13																					4100
> .12	3																6-3	3	3	3	4100
> .11	3	3		2	1												30-1	9	22	23	4100
> .10	12	6	10	5	2	3	2										42-2	40	116	119	4100
> .08	35	20	14	12	9	8	9	6	8	3	6	4	2	5		10	216-1	151	896	940	4119
> .06	39	25	21	18	18	17	14	13	11	3	13	4	7	2	5	32	270-1	242	1974	2039	4151
> .05	39	20	21	14	12	13	14	16	13	7	7	8	8	7	5	45	312-1	249	2419	2492	4192
> .04	34	16	18	11	9	5	12	8	12	7	7	2	5	12	7	57	456-1	222	2758	2865	4210
> .03	35	9	14	10	7	4	3	6	8	5	10	3	3	4	4	74	900-1	199	3202	3370	4404
> .02	24	13	11	4	9	2	3	3	2	2	8	6	1	3	1	67	1218-1	159	3649	4050	4701
> .01	18	3	4	5	5		1	1	3	1		3	1	2	1	47	SEA-2	95	3421	4978	5319

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13																					4100
> .12	4	1	1	1													24-1	7	13	14	4100
> .11	3	8	2	2	1	2	2										42-2	20	64	73	[illegible]
> .10	28	22	8	6	4	8	4	1	3	2							60-2	86	271	[illegible]	4105
> .08	36	22	20	13	15	17	9	10	9	7	5	5	8	5	3	25	204-1	209	1543	1631	4155
> .06	21	20	12	13	9	12	8	10	5	8	8	8	5	6	2	67	654-1	214	2811	2926	4344
> .05	21	16	14	20	11	6	9	9	10	7	4	9	8	6	1	69	768-1	220	3065	3317	4384
> .04	30	12	14	14	16	7	4	8	7	5	6	7	6	4	7	71	888-1	218	3303	3604	4405
> .03	17	16	7	8	5	9	5	3	4	4	4	5	4	1	4	75	888-1	171	3530	4002	[illegible]
> .02	11	9	4	4	1	3	1	2	2	1	2	1	2	3	4	[illegible]	1290-1	115	3586	4365	4706
> .01		1	1	2					1	2				1	1	28	SEA-2	[illegible]	3303	4529	[illegible]

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13	1																6-1	1	1	1	4100
> .12	2	2	1														18-1	5	9	9	4100
> .11	13	7	2		4												30-4	26	53	58	4100
> .10	20	15	12	10	6	4	3	2	1	3	1						66-1	77	267	275	4114
> .08	35	23	15	26	20	20	7	4	9	9	11	10	2	1	6	22	198-1	220	1518	1556	4166
> .06	29	20	14	15	15	10	13	20	15	9	7	6	10	3	5	54	438-1	245	2631	2740	4218
> .05	31	17	9	10	14	13	13	8	12	16	7	5	4	6	7	68	456-2	240	3007	3145	4255
> .04	26	17	16	6	12	9	5	2	9	11	11	8	9	2	10	67	588-1	220	3325	3500	4346
> .03	21	8	13	8	9	8	6	4	3	4	2	10	6	6	7	70	1458-1	185	3696	3965	4557
> .02	11	3	1	4	1	4	4	2	1	1	1	4	1	2	2	70	SEA-1	112	3998	4666	5021
> .01	2					1	1									31	SEA-1	35	3056	4970	5084

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13	1	1															12-1	2	3	3	4100
> .12	6		2	1													24-1	9	16	16	4100
> .11	5	8	3	3	3	1	1										42-1	24	70	70	4100
> .10	27	17	14	7	8	3	5	5	1						1		90-1	88	288	288	4102
> .08	34	22	22	15	20	22	9	5	7	11	7	6	5	1	5	17	174-1	208	1358	1393	4140
> .06	34	26	22	17	12	26	13	16	15	9	8	13	5	7	5	44	282-1	272	2433	2540	4166
> .05	29	26	28	12	15	15	11	13	14	8	12	7	5	8	6	58	306-1	267	2778	2931	4182
> .04	27	20	23	11	13	7	11	8	10	12	11	7	8	3	6	68	414-1	245	3108	3267	4194
> .03	26	11	14	10	10	8	8	5	5	5	5	10	7	8	3	68	666-1	203	3379	3624	4305
> .02	15	7	7	8	8	2	7	5		3	3	3	4	4	4	65	858-1	145	3439	4144	4572
> .01	4	2	2			2	1	3	1	1	1			1		41	SEA-4	59	4123	5957	6135

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13		1															12-1	1	2	2	4100
> .12	3		3														18-3	6	12	12	4100
> .11	4	1		1	3		1				1						66-1	11	43	43	4100
> .10	27	14	7	2	1	1	2		2	1		1					72-1	58	149	149	4103
> .08	35	24	27	26	22	7	5	10	10	3	4	4		3	2	7	180-1	189	971	1000	4106
> .06	44	17	30	21	27	17	20	14	13	9	9	10	6	5	4	28	252-1	296	2072	2143	4137
> .05	40	28	25	27	24	15	25	12	18	10	11	6	7	7	2	47	342-1	304	2560	2641	4184
> .04	35	21	26	16	24	17	24	20	16	9	10	9	9	7	5	54	348-1	302	2910	3014	4187
> .03	35	18	13	10	11	15	14	14	8	11	7	3	11	5	3	73	480-1	251	3048	3410	4275
> .02	22	10	8	5	6	9	3	6	2	9	5	3	4	7	2	70	762-1	171	3177	3783	4348
> .01	8	4	5	3	1	4	2		1	1		3	2		1	57	SEA-2	92	3655	4679	4906

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4099
> .14																					4099
> .13																					4099
> .12	1																6-1	1	1	1	4099
> .11	1																6-1	1	1	1	4099
> .10	3				1												30-1	4	8	8	4099
> .08	31	18	11	6	2	2		4	1			1			1		90-1	77	214	218	4099
> .06	52	34	27	28	19	21	9	7	6	2	5	3	7	1	2	6	162-1	229	1081	1110	4131
> .05	47	38	34	30	23	20	19	13	11	6	2	3	8	5	3	11	168-1	273	1475	1512	4139
> .04	56	43	29	22	24	16	16	18	16	12	6	3	8	7	7	18	210-1	301	1850	1899	4158
> .03	65	36	41	14	25	15	19	13	16	10	13	4	7	7	5	30	216-1	320	2117	2185	4174
> .02	64	38	28	18	21	20	18	14	15	16	12	3	5	4	8	43	252-1	327	2398	2507	4179
> .01	62	34	24	18	16	21	12	16	11	11	12	4	4	6	4	53	252-1	308	2501	2621	4183

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13																					4100
> .12	3	1															12-1	4	5	5	4100
> .11	5	4	2	1	1		1										42-1	14	35	35	4102
> .10	28	14	6	6	7	1	1	3					1		1		90-1	68	198	198	4113
> .08	41	23	30	18	18	20	12	12	11	7	12	5	2	2	3	15	246-1	231	1428	1451	4169
> .06	29	16	17	17	19	9	13	10	13	10	10	11	10	3	7	51	372-1	245	2458	2579	4190
> .05	25	24	10	12	13	11	10	8	14	11	9	11	12	6	3	64	762-1	241	2892	3032	4288
> .04	37	19	12	11	10	6	11	7	8	8	4	8	12	9	8	70	762-1	240	3174	3329	4290
> .03	27	10	10	12	7	5	10	4	6	6	4	10	5	2	7	83	888-1	208	3495	3676	4381
> .02	15	10	6	4	4	3	4	4	1	4	6	4	1	5	2	79	804-1	152	3532	3916	4352
> .01	6	4		4	1	2			2		1		1	1	1	45	SEA-2	68	3822	4903	5084

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
> .15																					4100
> .14																					4100
> .13																					4100
> .12	1	2															12-2	3	5	5	4100
> .11	9	3	2	2													24-2	16	29	29	4100
> .10	22	19	6	14	2	1	2	2									48-2	68	180	185	4100
> .08	30	20	12	9	13	11	9	7	6	5	7	4	4	5	2	18	258-1	162	1198	1245	4121
> .06	35	18	16	18	12	12	9	17	10	5	8	3	3	5	1	50	480-1	222	2246	2346	4143
> .05	32	19	13	12	17	11	7	5	13	7	7	7	3	4	2	61	576-1	220	2626	2745	4179
> .04	25	12	16	11	11	7	10	4	6	5	4	6	7	2	6	68	582-2	200	2932	3127	4236
> .03	24	11	9	10	10	6	4	2	9	4	4	3	4	4	2	73	786-1	179	3224	3555	4416
> .02	18	7	5	7	4	7	6	1	1	3	4	2		1	2	62	1116-1	130	3176	3917	4500
> .01	6	7	5	4	1	1	2				2		1	1	1	41	SEA-2	72	2856	4717	5030

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12	2	2															12-2	4	6	6	4100
≥.11	3	2	5														36-1	7	18	18	4100
≥.10	6	4	3	5	1	1	1	2	2								54-2	25	95	95	4102
≥.08	15	19	10	10	13	9	12	10	8	5	4	3	1	3	6	5	138-1	133	848	861	4132
≥.06	32	28	15	20	18	18	8	9	8	9	11	3	7	4	4	39	264-1	233	1949	1981	4158
≥.05	18	32	14	10	22	22	14	12	9	7	8	10	4	6	4	52	270-2	244	2413	2451	4192
≥.04	27	22	16	11	19	22	13	1	11	15	3	14	4	4	4	60	600-1	246	2729	2878	4279
≥.03	24	17	17	15	17	15	11	7	5	10	6	10	9	6	5	62	600-1	236	2939	3205	4322
≥.02	[illegible]	6	14	10	9	7	11	8	5	5	4	6	4	6	3	69	612-1	188	3109	3691	4482
≥.01	9	[illegible]	3	4	7	3		2	4	2	1	4	2	2	1	57	SEA-1	102	3596	4371	4755

HOURS DURATION OF EVENTS

3 — 58.5N 151.6W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12		1															12-1	1	2	2	4100
≥.11	3	2		2													24-2	7	15	15	4100
≥.10	8	7	4	5	2	2	1	1									48-1	30	91	93	4100
≥.08	15	12	13	12	12	10	7	7	3	1	4	4	2	2		8	138-1	112	683	702	4111
≥.06	40	24	21	24	24	7	14	10	6	13	8	5	5	5	3	18	258-1	227	1502	1576	4120
≥.05	20	27	19	21	18	10	12	13	9	11	6	7	9	9	4	30	264-1	225	1894	2006	4133
≥.04	51	21	18	19	15	11	13	14	7	11	7	5	8	8	7	42	444-1	257	2233	2421	4180
≥.03	36	25	10	14	19	14	4	12	6	11	5	3	9	3	9	60	444-1	240	2561	2773	4219
≥.02	35	22	15	7	16	5	8	6	4	9	6	4	5	9	6	70	588-1	227	2967	3185	4272
≥.01	29	11	10	3	12	6	4	4	6	3	4	4	5	2	4	69	594-1	176	3157	3590	4344

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12	2																30-1	3	7	7	4100
≥.11	4			3			1										42-1	12	35	35	4100
≥.10	6	4	6	4			3	1	2								54-2	29	110	113	4100
≥.08	26	11	13	12	15	3	4	9	5	4	3	3	2			10	204-1	125	751	793	4131
≥.06	39	23	9	17	14	5	14	11	12	12	7	10	6	1	6	20	528-1	226	1793	1874	4266
≥.05	43	20	27	12	14	13	18	8	6	11	13	12	11	4	4	34	540-1	250	2154	2312	4273
≥.04	[illegible]	22	20	12	17	15	4	5	9	7	8	11	5	9	9	48	540-1	252	2467	2695	4301
≥.03	24	29	16	8	12	6	8	6	10	8	4	7	11	4	8	66	552-1	227	2875	3136	4401
≥.02	33	19	10	7	6	4	6		6	5	3	4	5	2	3	70	582-1	185	3093	3638	4459
≥.01		6	9		5	5	4			3			2	1		41	SEA-1	89	3031	4406	4779

HOURS DURATION OF EVENTS

6 — 54.9N 167.1W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12	2	2															12-2	4	6	6	4100
≥.11	3	6	1	1	1	1											36-1	13	33	33	4100
≥.10	22	14	5	6	6	2		3	1								54-1	59	164	166	4104
≥.08	39	15	16	15	22	15	3	16	5	11	10	5	4	1	3	10	276-1	196	1277	1293	4176
≥.06	28	22	12	21	22	13	14	13	11	10	7	9	14	13	6	38	420-1	253	2443	2551	4233
≥.05	27	13	16	12	18	16	12	15	9	5	6	5	14	11	11	55	630-1	245	2872	2992	4292
≥.04	23	13	11	10	8	13	8	11	14	6	5	5	4	13	11	71	630-1	226	3131	3270	4303
≥.03	19	11	7	7	12	7	6	4	9	4	6	3	1	7	5	83	636-1	191	3291	3698	4474
≥.02	24	7	7	5	6	7	1	3	6	2	3	3		5		69	1194-1	148	3579	4089	4612
≥.01	7	3		1	2	1	1	1		2	2	1	1	1		45	SEA-4	68	4254	5165	5394

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																	6-1	1	1	1	4100
≥.12																	12-2	4	6	6	4100
≥.11		4	3														30-1	20	37	37	4100
≥.10	[illegible]	5	8	4	7	2	4										84-1	63	196	196	4106
≥.08	47	23	25	18	17	12	16	11	10	7	6	4	2	5	2	8	138-1	213	1150	1183	4139
≥.06	43	22	18	15	13	10	13	14	11	9	17	8	10	5	2	48	222-1	258	2280	2375	4179
≥.05	38	29	21	23	13	5	9	12	12	11	7	11	12	4	5	63	330-1	275	2729	2837	4212
≥.04	42	16	18	17	16	14	6	9	9	9	7	6	10	10	2	73	348-1	264	3018	3173	4213
≥.03	33	8	11	6	14	12	9	5	11	8	4	5	6	8	5	76	432-1	231	3251	3455	4253
≥.02	25	4	10	8		10	5		7	4	5	2	6	4	3	71	492-1	178	3318	3760	4294
≥.01	8	2	2			3	5	3	2	3	1	3		2		52	SEA-1	87	3507	4969	5208

HOURS DURATION OF EVENTS

9 — 51.7N 158.8E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14	1																6-1	1	1	1	4100
≥.13	1																6-1	1	1	1	4100
≥.12	1	2	1														18-1	4	8	8	4100
≥.11	3	2	1		1												30-1	7	15	15	4100
≥.10	6	7	4	3	2	2											36-2	24	66	66	4100
≥.08	33	17	15	11	16	9	12	7	8	4	2	2	2	1		3	114-1	142	681	698	4112
≥.06	41	25	31	20	17	15	20	10	7	12	11	4	1	11	4	25	276-1	254	1814	1856	4200
≥.05	48	16	22	23	22	14	16	14	9	9	12	8	6	4	4	41	288-1	268	2156	2263	4202
≥.04	37	18	14	21	23	17	9	12	8	6	15	9	10	6	5	51	330-1	261	2472	2668	4245
≥.03	34	16	15	17	15	12	15	11	4	5	6	11	8	5	4	65	504-1	243	2784	2999	4284
≥.02	33	10	15	13	7	10	11	4	3	6	5	6	9	4	5	69	2022-1	210	3283	3682	4616
≥.01	22	10	6	5	4	5	3	5	1	2	4	3	3	1	2	61	SEA-1	137	3443	4130	4679

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12	4	1		1													24-1	7	13	14	4100
≥.11	3	8	2	2		2	4										42-2	20	64	73	4101
≥.10	28	22	8	6	4	8	4		3	2							60-2	86	271	287	4105
≥.08	36	22	20	3	15	[illegible]	9	[illegible]	9	5	5	5	8	5	3	25	204-1	209	1543	1631	4155
≥.06	21	20	12	13	9	12	8	10	5	8	8	8	5	6	2	67	654-1	214	2811	2926	4344
≥.05	[illegible]	6	14	20	1	6	9	9	10	1	4	2	8	6	1	69	768-1	220	3065	3317	4384
≥.04	30	12	14	14	16	7	4	8	7	5	6	7	6	4	7	[illegible]	888-1	218	3303	3604	4405
≥.03	[illegible]	6	7	8	5	3	5	3	4	4	4	5	4		4	75	888-1	171	3530	4002	4567
≥.02	[illegible]	4	4		1		2	2		2		2		3	4	65	1290-1	115	3586	4365	4706
≥.01	[illegible]			2										1	1	28	SEA-2	37	3303	4529	4652

HOURS DURATION OF EVENTS

12 — 50.9N 145.6W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13	1																6-1	1	1	1	4100
≥.12	5																6-5	5	5	5	4100
≥.11	5	4	5	3	1												30-1	18	45	49	4100
≥.10	22	13	7	6	2	2	5	2	2		1						66-1	62	195	202	4101
≥.08	37	29	12	17	10	14	9	13	5	8	5	7	6	5	5	22	264-1	204	1477	1528	4205
≥.06	25	17	13	12	8	9	5	5	12	5	4	5	8	4	3	67	456-1	202	2677	2813	4239
≥.05	24	13	7	11	7	9	7	5	5	7	8	1	4	3	8	66	594-1	185	3069	3303	4373
≥.04	20	7	7	5	10	7	6	6	5	4	3	6	2	5	6	61	756-1	160	3063	3624	4453
≥.03	20	7	7	2	4	7	5	2	4	3	1	5	2	3	1	63	1230-1	136	3326	3993	4620
≥.02	16	8	2	4	5	2	4	2	1		4	4	1	2	2	47	SEA-1	104	3257	4205	4622
≥.01	5	5	2	1	2	1	3	1			1	1		3	2	28	SEA-2	55	2890	4757	4977

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																	12-1	2	3	3	4100
≥.12	6		2														24-1	9	16	16	4100
≥.11	5	8	3	3	3	1	1										42-1	24	70	70	4100
≥.10	2	7	4	7	8	3	5	5							1		90-1	88	288	288	4102
≥.08	34	22	22	15	20	22	9	5	7		7	6	5	1	5	17	174-1	208	1358	1393	4140
≥.06	34	26	22	[illegible]	12	26	13	16	15	2	8	13	5	7	5	44	282-1	272	2433	2540	4166
≥.05	29	26	28	12	15	15	11	13	14	8	12	7	5	8	6	58	306-1	267	2778	2931	4182
≥.04	22	20	23	11	13	7	11	8	10	12	11	7	8	3	6	68	414-1	245	3108	3267	4194
≥.03	26	11	14	10	10	8	8	5	5	4	5	10	7	8	3	68	666-1	203	3379	3624	4305
≥.02	15		7	8	8	2	7	5				3	3	4	4	65	858-1	145	3139	4144	4572
≥.01	4	2	2			2	1	3			1			1		41	SEA-4	59	4123	5957	6135

HOURS DURATION OF EVENTS

15 — 49.0N 128.4W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11		1															12-1	1	2	2	4100
≥.10	7	5	2	1	1												30-1	16	32	32	4100
≥.08	32	15	11	5	3	6	5	1	2	4	3	1	1	2	2	1	96-1	94	399	426	4117
≥.06	76	38	31	14	21	7	10	4	5	13	4	2	5	2	1	19	240-1	252	1330	1383	4132
≥.05	67	50	27	18	10	17	18	5	11	4	8	2	6	9	4	25	300-1	281	1807	1883	4137
≥.04	98	43	29	20	11	17	18	7	12	7	11	3	8	4	4	36	480-1	328	2244	2344	4141
≥.03	66	53	25	14	14	13	11	4	5	12	11	6	7	4	7	49	510-1	301	2648	2815	4167
≥.02	56	32	20	7	8	10	7	7	3	4	11	6	7	3	2	60	528-1	243	3025	3398	4280
≥.01	16	12	3	5	2	2	2	3	2	1	3	1	1	1	2	51	SEA-1	107	3803	4624	5014

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4099
≥.14																					4099
≥.13																					4099
≥.12																	6-1	1	1	1	4099
≥.11																	6-1	1	1	1	4099
≥.10	3																30-1	4	8	8	4099
≥.08	[illegible]	18	11	6	[illegible]			4									90-1	71	214	218	4099
≥.06	[illegible]																90-1	229	1081	1110	4131
≥.05	[illegible]																168-1	273	1475	1512	4139
≥.04	[illegible]															18	210-1	301	1650	1699	4158
≥.03	[illegible]																216-1	320	2117	2185	4174
≥.02	[illegible]															43	252-1	327	2398	2507	4173
≥.01	[illegible]																252-1	308	2501	2621	4183

HOURS DURATION OF EVENTS

18 — 45.6N 144.2W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12	1																6-1	1	1	1	4100
≥.11	4	3		1													24-1	8	14	14	4100
≥.10	21	10	4	7	5	1	1										54-1	50	128	130	4100
≥.08	[illegible]															13	210-1	140	[illegible]	[illegible]	[illegible]
≥.06	[illegible]															47	354-1	186	2157	[illegible]	[illegible]
≥.05	[illegible]															56	462-1	202	2529	[illegible]	[illegible]
≥.04	[illegible]															70	714-1	190	[illegible]	[illegible]	[illegible]
≥.03	[illegible]																786-2	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]															68	1656-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]																SEA-1	82	[illegible]	4706	[illegible]

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12	1	2															12-2	1	5	5	4100
≥.11	9	3	2	2													24-2	16	29	29	4100
≥.10	22	19	6	14	2	1											48-2	68	180	185	4100
≥.08	[illegible]															18	258-1	200	1198	1245	4121
≥.06	[illegible]															50	480-1	262	2245	2346	4141
≥.05	[illegible]															58	276-1	220	2626	2745	4174
≥.04	[illegible]															68	582-2	200	2932	3127	4236
≥.03	[illegible]															73	786-1	179	3224	3555	4416
≥.02	[illegible]															62	1116-1	130	3376	3917	4500
≥.01	[illegible]																SEA-2	72	2856	[illegible]	[illegible]

HOURS DURATION OF EVENTS

21 — 43.7N 128.7W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11	1																6-1	1	1	1	4100
≥.10	[illegible]																36-1	5	21	21	4100
≥.08	34	15	10	12	13	9	5	2	3	3	2	2	5	1		6	162-1	121	627	631	4107
≥.06	[illegible]															38	318-1	218	1758	[illegible]	[illegible]
≥.05	[illegible]															[illegible]	342-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]															[illegible]	444-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]															[illegible]	816-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]															[illegible]	846-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]															48	SEA-1	97	3402	4500	[illegible]

HOURS DURATION OF EVENTS

2

22 — 42.8N 167.5W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11	4	3	1														18-1	8	13	13	4100
≥.10	17	11	6	6	2	2	1								1		90-1	46	125	125	4100
≥.08	40	23	16	15	17	17	10	11	12	3	6	5	3	3	3	9	150-1	193	1118	1159	4102
≥.06	23	18	21	13	15	9	15	14	6	9	6	10	8	4	5	52	348-1	228	2410	2547	4251
≥.05	35	13	10	17	6	8	12	15	12	12	6	6	12	3	2	68	348-1	237	2832	2976	4288
≥.04	36	8	8	14	8	9	7	11	10	6	10	8	5	9	1	72	540-1	222	3114	3287	4296
≥.03	26	12	8	9	3	8	5	3	10	4	4	5	5	11	4	71	846-1	188	3278	3585	4338
≥.02	18	6	6	5	1	3	7	2	4	1	6	2	3	1	2	72	1494-1	139	3583	4075	4551
≥.01	5	4	1	4		1		1		1	2	1		1	2	46	SEA-2	69	3719	4929	5150

HOURS DURATION OF EVENTS

23 — 42.4N 172.1E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4100
≥.14	1																6-1	1	1	1	4100
≥.13		2															12-2	2	4	4	4100
≥.12		4															12-4	4	8	8	4100
≥.11	3		1		1	1		1									48-1	7	25	25	4105
≥.10	19	11	6	3	1		1	1			2	1					72-1	45	125	125	4107
≥.08	41	23	23	20	8	10	12	11	9	6	2	4	3	6	1	11	156-1	190	1064	1067	4133
≥.06	42	22	29	25	8	13	13	18	12	6	6	8	7	7	10	38	210-1	264	2090	2180	4169
≥.05	39	23	28	22	19	14	14	10	14	9	10	6	5	7	6	56	234-1	282	2474	2602	4182
≥.04	47	27	26	19	13	13	9	12	11	7	14	11	2	13	3	64	366-1	291	2820	2985	4222
≥.03	46	23	31	14	13	11	14	7	5	8	4	14	3	8	5	69	588-1	275	3056	3298	4234
≥.02	34	20	11	6	7	5	8	6	4	6	4	8	3	5	6	72	954-1	205	3519	3847	4444
≥.01	16	5	3	3	1	3	4	6	1				1	1		54	SEA-3	98	3990	4959	5169

HOURS DURATION OF EVENTS

25 — 40.2N 131.2E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11		1															12-1	1	2	2	4100
≥.10	1				1												30-1	2	6	6	4100
≥.08	11	11	7	3	1	1		2					1				78-1	37	106	106	4101
≥.06	51	26	19	8	12	10	6	3	2	6	1	1	1	1	1	3	120-2	151	578	605	4102
≥.05	45	37	29	28	13	9	8	2	5	6	4	4	2		2	7	150-1	201	898	935	4106
≥.04	80	37	38	27	23	18	12	4	7	5	2	5	4	4	1	10	174-1	285	1256	1301	4107
≥.03	84	52	38	26	19	17	15	7	8	7	2	3	10	3	2	16	186-2	309	1512	1559	4111
≥.02	70	54	46	25	27	15	18	12	6	4	11	6	6	4	1	25	192-1	330	1837	1897	4116
≥.01	68	53	38	22	16	10	16	14	5	7	9	7	7	4	3	28	360-1	307	1975	2061	4120

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13	1																6-1	1	1	1	4100
≥.12	3																6-3	3	3	3	4100
≥.11		2	1	2													24-2	5	15	15	4100
≥.10	7	3	2	2	2	1	1										42-1	18	50	50	4100
≥.08	42	18	21	9	10	7	3	6	2	4	2	2	1		1	3	144-1	131	528	542	4108
≥.06	58	27	26	14	22	18	21	10	15	5	6	5	4	5	9	16	198-1	261	1601	1659	4120
≥.05	46	31	32	22	14	19	17	8	15	12	10	8	7	4	4	32	276-1	281	2043	2111	4121
≥.04	52	27	22	24	28	9	19	9	10	9	14	8	3	11	5	42	282-1	292	2375	2494	4126
≥.03	64	24	18	16	21	19	10	12	8	8	9	7	6	7	5	55	432-1	289	2649	2852	4148
≥.02	42	19	10	13	16	13	10	5	6	10	7	5	4	7	6	66	564-1	239	3087	3349	4229
≥.01	22	11	9	9	3	4	5	2	1			3	2	3	3	60	780-1	137	3123	3979	4386

HOURS DURATION OF EVENTS

28 — 36.1N 123.8W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	6	1	1														18-1	8	11	11	4100
≥.08	99	61	31	6	5	7	8	6	8	8	13		1	3	3	10	216-1	269	1143	1163	4100
≥.06	58	40	24	8	5	8	10	5	2	12	9	4	4	5	9	56	642-1	259	2799	2897	4155
≥.05	41	36	18	6	2	8	3	4	7	3	5	2		6	10	63	684-1	214	3176	3303	4166
≥.04	51	22	15	3	4	4	1	3	3	6	4	1	1	3	6	60	1026-1	187	3327	3555	4168
≥.03	27	17	10	6	1	4	2	1	3	2	4		1	1	2	56	1044-1	137	3407	3772	4204
≥.02	12	5	4		3	1		1		3	3		2		2	36	1854-1	72	3105	4035	4270
≥.01	4	4	5		1		1			1	1					23	SEA-2	40	2938	4140	4247

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	1	3				1											36-1	5	13	13	4100
≥.08	20	8	11	7	5	1	3	3	4	1	2		1	2	1		90-1	69	297	297	4101
≥.06	61	33	18	22	15	8	16	9	5	2	10	3	3	4	3	11	252-1	223	1172	1230	4195
≥.05	59	34	22	22	13	13	11	13	9	4	9	4	8	3	4	22	270-2	250	1618	1693	4201
≥.04	83	24	27	17	15	15	17	17	4	7	5	10	8	3	6	31	366-1	289	2011	2104	4218
≥.03	75	36	15	22	14	12	19	13	7	6	3	8	7	8	5	42	414-1	292	2414	2544	4292
≥.02	64	36	15	7	14	10	13	12	9	4	6	2	4	8	6	55	522-1	265	2777	2970	4339
≥.01	38	22	10	4	6	5	5	2	7	2	1	3	6	3	3	63	SEA-1	180	3512	4155	5017

HOURS DURATION OF EVENTS

31 — 35.6N 155.2W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12	1																6-1	1	1	1	4100
≥.11		1															12-1	1	2	2	4100
≥.10	7		2		1												30-1	10	18	18	4100
≥.08	17	13	8	4	4	2	2	2	2		2	2	1			2	114-1	61	258	258	4100
≥.06	46	37	19	21	13	6	4	3	4	4	2	5	1		1	13	330-1	179	933	949	4116
≥.05	67	52	19	17	19	19	5	9	4	4	2	5	5	5	1	17	342-1	250	1380	1402	4135
≥.04	72	36	30	25	19	21	10	8	5	6	3	5	3	7	3	28	306-1	287	1769	1851	4142
≥.03	66	25	22	23	23	10	7	12	6	9	8	5	3	9	3	38	378-1	269	2140	2237	4170
≥.02	59	33	9	17	11	10	10	10	6	5	4	4	3	3	10	54	510-1	248	2609	2768	4262
≥.01	44	17	10	8	7	7	3	6	7	2	3	3	1	1	5	59	SEA-1	183	3205	3629	4638

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10		1			1												30-1	2	7	7	4100
≥.08	9	3	6	3	2	1	2	2	1	1							60-1	30	110	111	4100
≥.06	52	13	12	17	15	8	6	9	7	5	1	1	2	3		5	168-1	156	723	738	4116
≥.05	62	32	14	12	10	7	11	6	7	10	5	4	4	3	2	15	168-2	204	1150	1176	4125
≥.04	77	34	23	13	7	8	8	8	7	6	4	5	5	3	5	25	282-1	238	1500	1573	4128
≥.03	80	25	25	19	10	7	6	6	5	6	5	2	7	3	4	38	360-1	248	1767	1933	4130
≥.02	81	31	20	13	12	7	10	6	6	7	4	4	8	4		51	324-1	264	2189	2411	4191
≥.01	53	20	17	7	5	10	5	5	7	6	2	4	5	2	3	62	438-1	213	2691	3096	4249

HOURS DURATION OF EVENTS

34 — 34.2N 155.1E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11	1																6-1	1	1	1	4100
≥.10	7	3			1	1											36-1	12	24	24	4100
≥.08	15	8	9	6	5	9	4	3		2	2					4	150-1	67	335	341	4104
≥.06	56	23	22	14	12	14	12	5	12	4	5	3	3	4	2	9	204-1	200	1086	1131	4112
≥.05	59	36	21	20	11	9	11	15	5	7	10	8	2	4	4	19	252-1	245	1522	1580	4126
≥.04	81	37	25	20	18	14	8	9	16	11	9	12	7	4	2	28	258-1	301	1982	2082	4138
≥.03	64	26	29	18	11	15	16	11	6	6	6	12	10	2	3	46	480-1	281	2130	2462	4150
≥.02	50	24	17	11	11	14	10	9	6	3	9	11	8	8		63	480-1	254	2677	3030	4251
≥.01	27	19	8	6	2	6	5	8	2	2	5	5	5	6		60	846-1	166	3304	3793	4421

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	1	2	2								1						66-1	6	22	22	4100
≥.08	25	12	8	10	10	2	4	2	1	1	2	1				4	126-1	82	347	351	4103
≥.06	57	31	16	17	15	19	9	4	3	8	6	3	4	3		19	204-1	214	1251	1286	4133
≥.05	54	25	26	10	10	24	13	10	10	6	7	4	3	7	3	24	264-1	236	1647	1724	4153
≥.04	64	25	29	14	11	14	18	12	11	6	9	3	6	5	8	35	282-1	270	2074	2169	4175
≥.03	69	16	29	18	12	10	16	10	13	10	10	5	6	3	10	43	360-1	280	2397	2539	4208
≥.02	50	21	17	14	18	10	7	13	7	5	8	8	3	3	5	59	576-1	248	2832	2987	4252
≥.01	34	14	11	7	6	2	6	6	2	4	4	5	7	1	4	64	786-1	177	3263	3713	4454

HOURS DURATION OF EVENTS

37 — 32.9N 119.4W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10																					4100
≥.08	66	20	9	4	2		4			2	1				1		90-1	118	251	251	4100
≥.06	[illegible]	[illegible]	52	6	14	13	14	6	8	8	8	4	3	4	5	27	252-1	417	1920	[illegible]	4121
≥.05	122	[illegible]	65	6	9	7	19	6	6	14	11	3	1	8	5	42	366-1	408	2505	2580	4124
≥.04	121	71	30	6	7	8	18	5	6	8	14	4	6	8	2	59	444-2	373	3022	3135	4147
≥.03	91	51	32	7	8	10	9	3	4	5	13	2	10	5	7	61	876-1	318	3225	3421	4174
≥.02	46	37	22	4	5	9	6	1	5		8	2		6	5	70	900-1	226	[illegible]	3704	4209
≥.01	31	23	14	3	4	3	8		1	2	2	1	1		6	62	1248-1	161	[illegible]	3913	4246

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	2																6-2	2	2	2	4100
≥.08	25	13	11	4	4	2	1	3	4	2				1		2	186-1	72	283	287	4100
≥.06	62	19	16	12	15	8	12	2	5	7	7	5	7	3	2	27	522-1	209	1531	1570	4123
≥.05	79	26	17	11	14	7	9	6	7	4	4	7	6	9	2	38	540-1	246	1993	2055	4127
≥.04	87	21	16	9	9	10	2	9	6	9	6	2	6	7	2	52	612-1	255	2424	2512	4131
≥.03	65	19	20	8	7	3	3	6	2	6	8	2	2	8	9	58	624-1	226	[illegible]	2946	4162
≥.02	47	15	14	8	3	5	4	2	2	3	3	3	3	2	3	56	1254-1	173	2973	3350	4178
≥.01	25	3	9	2	3	1	4		2	2				2	2	44	[illegible]	99	3130	[illegible]	4330

HOURS DURATION OF EVENTS

40 — 29.6N 165.0W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10																					4100
≥.08	12	1	2	1				1	1	1	1						66-1	22	70	70	[illegible]
≥.06	[illegible]	23	22	15	10	11	8	6	5	6	7	2	6	1	1	12	210-1	214	1010	1011	[illegible]
≥.05	[illegible]	[illegible]	10	12	12	13	11	10	8	4	8	6	3		5	30	252-2	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	16	14	14	7	8	6	11	8	8	7	4	2	3	46	[illegible]	[illegible]	2117	[illegible]	[illegible]
≥.03	75	[illegible]	[illegible]	12	13	5	6	1	9	7	7	7	4	2	3	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	71	10	10	17	10	8	5	1	6	3	2	10	5	2	5	58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	61	12	6	7	4	7	1	1	2	3	2	4	2	1	2	59	[illegible]	[illegible]	[illegible]	3797	4471

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13				1													24-1	1	4	4	4100
≥.12	1	1			1												30-1	1	8	8	4100
≥.11	6			1	1		1										42-1	9	22	22	4100
≥.10	16	2	2	3	1	1	1		1	1						1	108-1	29	93	93	4100
≥.08	23	7	8	7	6	2	5	5	2	4	3		2		1	11	174-1	67	575	[illegible]	4100
≥.06	42	25	15	10	7	10	5	3	9	4	5	4	6	3	4	28	312-1	180	1451	[illegible]	4114
≥.05	56	23	13	8	13	4	11	7	7	8	5	6	2	2	3	30	318-1	203	1815	[illegible]	4119
≥.04	62	26	21	10	12	6	9	8	9	4	1	4	3	4	3	46	[illegible]	227	2129	[illegible]	[illegible]
≥.03	52	27	20	10	11	8	4	11	7	6	9	2	3	1	2	51	[illegible]	226	[illegible]	[illegible]	[illegible]
≥.02	49	22	15	13	8	13	5	7	2	5	2	2	7	1	4	60	[illegible]	215	[illegible]	[illegible]	[illegible]
≥.01	29	14	7	7	5	5	4	3	4	2	2	1		1	6	63	[illegible]	138	3173	[illegible]	[illegible]

HOURS DURATION OF EVENTS

WAVE SLOPE (α) DURATIONS (Cont'd)

Partial tables at left edge (cut off; only last columns visible):

87.5W

WAVE SLOPE α	T	T*	TH
≥.15			4100
≥.14			4100
≥.13			4100
≥.12			4100
≥.11	3	13	4100
≥.10	25	125	4100
≥.08	18	1159	4102
≥.06	10	2547	4251
≥.05	42	2976	4288
≥.04	14	3587	4298
≥.03	78	3585	4338
≥.02	83	4075	4551
≥.01	19	4929	5150

31.2E

WAVE SLOPE α	T	T*	TH
≥.15			4100
≥.14			4100
≥.13			4100
≥.12			4100
≥.11	2	2	4100
≥.10	6	6	4100
≥.08	06	106	4101
≥.06	78	605	4102
≥.05	98	935	4106
≥.04	256	1301	4107
≥.03	512	1559	4111
≥.02	837	1897	4116
≥.01	975	2061	4120

23.8W

WAVE SLOPE α	T	T*	TH
≥.15			4100
≥.14			4100
≥.13			4100
≥.12			4100
≥.11			4100
≥.10	11	11	4100
≥.08	143	1163	4100
≥.06	799	2897	4155
≥.05	176	3303	4166
≥.04	327	3555	4168
≥.03	407	3772	4204
≥.02	105	4035	4270
≥.01	38	4140	4247

155.2W

WAVE SLOPE α	T	T*	TH
≥.15			4100
≥.14			4100
≥.13			4100
≥.12	1	1	4100
≥.11	2	2	4100
≥.10	18	18	4100
≥.08	258	258	4100
≥.06	933	949	4116
≥.05	380	1402	4135
≥.04	769	1851	4142
≥.03	140	2237	4170
≥.02	509	2868	4262
≥.01	205	3629	4638

155.1E

WAVE SLOPE α	T	T*	TH
≥.15			4100
≥.14			4100
≥.13			4100
≥.12			4100
≥.11	1	1	4100
≥.10	24	24	4100
≥.08	335	341	4104
≥.06	086	1131	4112
≥.05	522	1580	4126
≥.04	[illegible]	2082	4138
≥.03	[illegible]	2422	4150
≥.02	677	2926	[illegible]
≥.01	304	3793	4421

119.4W

WAVE SLOPE α	T	T*	TH
≥.15			4100
≥.14			4100
≥.13			4100
≥.12			4100
≥.11			4100
≥.10			4100
≥.08	251	251	4100
≥.06	920	1958	4121
≥.05	[illegible]	2580	4124
≥.04	[illegible]	[illegible]	4174
≥.03	[illegible]	3421	4174
≥.02	[illegible]	3704	4209
≥.01	587	3913	4246

165.0W

WAVE SLOPE α	T	T*	TH
≥.15			4100
≥.14			4100
≥.13			4100
≥.12			4100
≥.11			4100
≥.10			4100
≥.08	70	70	4101
≥.06	010	1011	4128
≥.05	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	3797	4471

23 — 42.4N 172.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4100
≥.14	1																6-1	1	1	1	4100
≥.13		2															12-2	2	4	4	4100
≥.12		4															12-4	4	8	8	4100
≥.11	3		1		1	1		1									48-1	7	25	25	4105
≥.10	19	11	6	3	1		1	1			2	1					72-1	45	125	125	4107
≥.08	41	23	23	20	8	10	12	11	9	6	2	4	3	6	1	11	156-1	190	1064	1067	4133
≥.06	42	22	29	25	8	13	13	18	12	6	6	8	7	7	10	38	210-1	264	2090	2180	4169
≥.05	39	23	28	22	19	14	14	10	14	9	10	6	5	7	6	56	234-1	282	2474	2602	4182
≥.04	47	27	26	19	13	13	9	12	11	7	14	11	2	13	3	64	366-1	291	2820	2985	4222
≥.03	46	23	31	14	13	11	14	7	5	8	4	14	3	8	5	69	588-1	275	3056	3298	4234
≥.02	34	20	11	6	7	5	8	6	4	6	4	8	3	5	6	72	954-1	205	3519	3847	4444
≥.01	16	5	3	3	1	3	4	6	1				1	1		54	SEA-3	98	3990	4959	5169

HOURS DURATION OF EVENTS

24 — 41.0N 134.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	1																6-1	1	1	1	4100
≥.08	18	10	10	7	4	3	6	8	4	1	1			1	1	2	144-1	76	373	379	4105
≥.06	46	27	17	11	12	9	8	5	7	4	8	1	4	6	3	20	258-1	188	1280	1353	4139
≥.05	56	30	28	19	11	8	11	9	7	5	6	5	5	5	4	30	270-1	239	1674	1793	4159
≥.04	60	33	20	17	15	15	6	5	7	4	9	3	5	8	2	44	342-1	253	2098	2233	4161
≥.03	53	28	16	13	24	7	9	9	7	7	7	3	6	4	4	52	438-1	249	2439	2623	4173
≥.02	44	17	9	11	15	13	8	6	4	3	4	5	1	5	5	64	1020-1	214	2844	3128	4263
≥.01	30	9	9	3	6	5	3	3	2	2	2	1	3	2	4	59	1416-1	143	3213	3881	4543

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13	1																6-1	1	1	1	4100
≥.12	3																6-3	3	3	3	4100
≥.11		2	1	2													24-2	5	15	15	4100
≥.10	7	3	2	2	2	1	1										42-1	18	50	50	4100
≥.08	42	18	21	9	10	7	3	6	2	4	2	2	1		1	3	144-1	131	528	542	4108
≥.06	58	27	26	14	22	18	21	10	15	5	6	5	4	5	9	16	198-1	261	1601	1659	4120
≥.05	46	31	32	22	14	19	17	8	15	12	10	8	7	4	4	32	276-1	281	2043	2111	4121
≥.04	52	27	22	24	28	9	19	9	10	9	14	8	3	11	5	42	282-1	292	2375	2494	4126
≥.03	64	24	18	16	21	19	10	12	8	8	9	7	6	7	5	55	432-1	289	2649	2852	4148
≥.02	42	19	10	13	16	13	10	5	6	10	7	5	4	7	6	66	564-1	239	3087	3349	4229
≥.01	22	11	9	9	3	4	5	2	1			3	2	3	3	60	780-1	137	3123	3979	4386

HOURS DURATION OF EVENTS

27 — 36.2N 127.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11	1																6-1	1	1	1	4100
≥.10	3		1			1											36-1	5	12	12	4100
≥.08	36	11	8	8	6	4	11	5	8	7	4	4	2	2	4	11	264-1	131	901	922	4100
≥.06	51	23	15	5	4	6	4	11	4	11	4	8	8	3	4	44	612-1	205	2296	2389	4137
≥.05	31	20	12	11	5	6	5	4	2	8	3	5	7	7	6	54	624-1	186	2655	2863	4157
≥.04	44	11	3	6	4	6	8	4	1	3	3	6	5	5	4	61	690-1	174	2929	3185	4163
≥.03	34	10	6	5		4	2	1		2	3			5	2	66	696-1	140	3136	3487	4231
≥.02	26	10	6	2	2	3		1	3		1	1			1	59	852-1	115	3142	3802	4265
≥.01	8	4	2	3			2	1	1	2	1	1				27	2088-1	52	2725	4104	4314

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	1	3				1											36-1	5	13	13	4100
≥.08	20	8	11	7	5	1	3	3	4	1	2		1	2	1		90-1	69	297	297	4101
≥.06	61	33	18	22	15	8	16	9	5	2	10	3	3	4	3	11	252-1	223	1172	1230	4195
≥.05	59	34	22	22	13	13	11	13	9	4	9	4	8	3	4	22	270-2	250	1618	1693	4201
≥.04	83	24	27	17	15	15	17	17	4	7	5	10	8	3	6	31	366-1	289	2011	2104	4218
≥.03	75	36	15	22	14	12	19	13	7	6	3	8	7	8	5	42	414-1	292	2414	2544	4292
≥.02	64	36	15	7	14	10	13	12	9	4	6	2	4	8	6	55	522-1	265	2777	2970	4339
≥.01	38	22	10	4	6	5	5	2	7	2	1	3	6	3	3	63	SEA-1	180	3512	4155	5017

HOURS DURATION OF EVENTS

30 — 35.7N 176.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11	2																6-2	2	2	2	4100
≥.10	2	1						1									48-1	4	12	12	4100
≥.08	24	12	6	9	7	2	2	1	2	1	1		2		1	2	222-1	72	309	310	4113
≥.06	70	30	22	21	18	16	12	7	8	4	8		6		1	13	234-1	236	1184	1301	4132
≥.05	59	30	29	18	20	11	17	15	18	6	7	6	1	3	2	17	312-1	259	1582	1741	4138
≥.04	65	45	31	17	22	16	11	11	16	15	9	6	4	4	4	25	330-1	301	1975	2158	4146
≥.03	65	28	33	19	15	20	14	10	11	13	11	13	6	4	5	34	606-1	301	2335	2535	4184
≥.02	49	22	29	13	18	23	8	6	9	14	8	10	11	6	4	51	612-1	281	2749	2974	4223
≥.01	34	15	9	8	6	10	5	6	1	4	5	2	5	5	2	68	1296-1	185	3194	3952	4695

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10		1			1												30-1	2	7	7	4100
≥.08	9	3	6	3	2	1	2	2	1	1							60-1	30	110	111	4100
≥.06	52	13	12	17	15	8	6	9	7	5	1	1	2	3		5	168-1	156	723	738	4116
≥.05	62	32	14	12	10	7	11	6	7	10	5	4	4	3	2	15	168-2	204	1150	1176	4125
≥.04	77	34	23	13	7	8	8	8	7	6	4	5	5	3	5	25	282-1	238	1500	1573	4128
≥.03	80	25	25	19	10	7	6	6	5	6	5	2	7	3	4	38	300-1	248	1767	1933	4130
≥.02	81	31	20	13	12	7	10	6	6	7	4	4	8	4		51	324-1	264	2189	2411	4191
≥.01	53	20	17	7	5	10	5	5	7	6	2	4	5	2	3	62	438-1	213	2691	3096	4249

HOURS DURATION OF EVENTS

33 — 34.6N 145.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13	1																6-1	1	1	1	4100
≥.12		1															12-1	1	2	2	4100
≥.11	1				1												30-1	2	6	6	4100
≥.10	4	2	1	1				1									48-1	9	23	23	4100
≥.08	35	14	14	11	5	5	4	2	1	2	3	3		2	1		90-1	102	389	394	4104
≥.06	37	27	20	11	10	14	13	6	3	7	8	7	5	4	3	21	222-2	196	1390	1427	4114
≥.05	52	16	21	17	13	10	10	13	7	9	3	9	6	3	8	32	240-1	229	1812	1893	4152
≥.04	66	32	18	12	10	10	15	11	9	10	5	4	8	7	6	42	282-1	255	2197	2299	4155
≥.03	40	32	21	15	14	5	10	10	12	5	4	11	9	3	2	54	366-1	247	2508	2674	4210
≥.02	43	24	15	15	15	4	6	10	4	4	3	5	8	2	1	67	492-1	226	2845	3099	4228
≥.01	23	15	13	10	7	6	5	1	2	4	6	2	3	4	2	59	906-1	162	3175	3754	4395

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	1	2	2								1						66-1	6	22	22	4100
≥.08	25	12	8	10	10	2	4	2	1	1	2	1				4	126-1	82	347	351	4103
≥.06	57	31	16	17	15	19	9	4	3	8	6	3	4	3		19	204-1	214	1251	1285	4133
≥.05	54	25	26	10	10	24	13	10	10	6	7	4	3	7	3	24	264-1	236	1647	1724	4153
≥.04	64	25	29	14	11	14	18	12	11	6	9	3	6	5	8	35	282-1	270	2074	2169	4175
≥.03	69	16	29	18	12	10	16	10	13	10	10	5	6	3	10	43	360-1	280	2397	2539	4208
≥.02	50	21	17	14	18	10	7	13	7	5	8	8	3	3	5	59	576-1	248	2832	2987	4252
≥.01	34	14	11	7	6	2	6	6	2	4	4	5	7	1	4	64	786-1	177	3263	3713	4454

HOURS DURATION OF EVENTS

36 — 33.7N 123.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	1	2															12-2	3	5	5	4100
≥.08	23	10	5	5	2	5	3	1	1	1					1		90-1	57	181	189	4100
≥.06	57	25	19	14	9	16	12	5	3	5	3	3	5		6	11	156-1	193	1003	1038	4137
≥.05	65	27	22	21	15	9	17	9	10	5	4	4	5	3	5	20	168-2	241	1412	1468	4143
≥.04	69	29	26	20	13	7	15	16	8	8	7	5	7	2	1	34	330-1	267	1857	1923	4165
≥.03	72	28	20	10	14	15	14	9	13	7	7	5	8	4	5	38	342-1	269	2128	2265	4181
≥.02	66	21	18	12	11	9	7	14	5	11	9	10	6	6	3	51	486-1	259	2501	2642	4215
≥.01	68	22	14	12	10	5	6	8	5	10	7	8	3	1	7	63	516-1	249	2784	3031	4253

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	2																6-2	2	2	2	4100
≥.08	25	13	11	4	4	2	1	3	4	2				1		2	186-1	72	283	287	4100
≥.06	62	19	16	12	15	8	12	2	5	7	7	5	7	3	2	27	522-1	209	1533	1570	4125
≥.05	79	26	17	11	14	7	9	6	7	4	4	7	6	9	2	38	540-1	246	1993	2055	4127
≥.04	87	23	16	9	9	10	2	9	6	9	6	2	6	7	2	52	612-1	255	2424	2512	4131
≥.03	65	19	20	8	7	3	3	6	2	6	8	2	2	8	9	58	624-1	226	2825	2946	4162
≥.02	47	15	14	8	3	5	4	2	2	3	3	3	3	2	3	56	1254-1	173	2973	3350	4176
≥.01	25	3	9	2	3	1	4		2	2				2	2	44	1884-1	99	3130	3983	4330

HOURS DURATION OF EVENTS

39 — 29.9N 177.3W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	2					1											36-1	3	8	8	4100
≥.08	15	5	5	5	3	1	2					1		1		2	156-2	40	173	180	4120
≥.06	59	26	10	15	5	10	10	2	5	4	8	2	1	1	2	16	210-1	176	1028	1041	4132
≥.05	80	28	18	14	15	4	14	9	9	5	4	5	4	4	2	22	306-1	237	1511	1567	4164
≥.04	91	34	20	15	12	12	15	10	6	5	9	5	1	1	4	38	408-1	278	1941	2040	4180
≥.03	88	22	21	13	12	12	7	10	8	6	8	5	4	5	2	47	408-1	270	2234	2392	4191
≥.02	91	19	17	14	7	12	4	4	6	8	7	5	5	3	6	51	552-1	261	2652	2800	4195
≥.01	41	13	11	6	3	5	3	4	6	3	2	7	1	4	4	55	1686-1	168	3225	3515	4302

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13				1													24-1	1	4	4	4100
≥.12	1	1			1												30-1	3	8	8	4100
≥.11	6			1	1		1										42-1	9	22	22	4100
≥.10	16	2	2	3	1	1	1		1	1						1	108-1	29	93	93	4100
≥.08	23	7	6	7	6	2	5	5	2	4	3		2		1	11	174-1	87	376	384	4100
≥.06	42	25	15	10	7	10	5	3	9	4	5	4	6	3	4	28	312-1	180	1451	1486	4114
≥.05	52	23	13	8	13	4	11	7	7	8	3	6	7	2	3	39	318-1	203	1815	1862	4119
≥.04	62	24	21	10	12	6	9	8	9	4	5	4	3	5	3	46	348-1	227	2129	2184	4126
≥.03	52	27	20	10	11	8	4	11	7	6	9	2	3	5	2	53	462-1	228	2446	2547	4163
≥.02	49	22	15	13	8	13	5	7	2	5	2	2	7	1	4	60	498-1	215	2864	3045	4242
≥.01	29	14	7	7	5	5	4	3	4	2	2	1		1	6	49	1398-1	139	3173	3828	4496

HOURS DURATION OF EVENTS

42 — 28.6N 139.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10																					4100
≥.08	12	3	4	1	1							2					72-2	25	73	73	4101
≥.06	94	33	13	8	12	11	9	4	9	4	3	2	3	1		19	414-1	225	1133	1163	4110
≥.05	82	23	20	18	19	14	2	8	2	7	6	7	4	3	3	30	426-1	259	1635	1741	4121
≥.04	[illegible]	30	13	11	7	14	16	6	9	4	3	3	4	4	6	37	540-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	74	29	23	6	7	7	9	5	10	5	6	4	5			52	[illegible]	251	[illegible]	[illegible]	[illegible]
≥.02	69	22	13	10	6	4	2	4	5	5	4	2	2	4	1	57	1140-1	212	2703	3077	4207
≥.01	48	17	11	8	8	5	3	2	4	4	5	1	4	1	8	46	1392-1	171	3113	[illegible]	[illegible]

HOURS DURATION OF EVENTS

4

WAVE SLOPE (α) DURATIONS (Cont'd)

43 — 28.2N 125.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12	1	1															12-1	2	3	3	4100
≥.11	6		1			1											36-1	8	15	15	4100
≥.10	3	5	1	3	3												60-1	16	53	57	4100
≥.08	30	16	12	6	7	10	3	3	3	2	3	1	2			4	114-2	102	451	463	4107
≥.06	55	16	21	11	8	12	7	8	17	6	4	4	7	2	2	20	294-1	200	1401	1566	4174
≥.05	51	24	14	9	10	8	9	9	5	6	8	8	4	5	4	34	336-1	208	1745	1942	4187
≥.04	63	23	15	12	9	7	8	13	5	7	1	9	8	1	3	50	390-1	234	2124	2337	4201
≥.03	58	14	18	7	12	3	7	4	5	4	5	6	4	3	2	60	600-1	212	2328	2662	4236
≥.02	49	16	13	7	7	6	4	6	7	7	5	4	5	5	4	61	606-1	206	2690	3056	4304
≥.01	26	16	8	5	10	3	4	1	5	4	6	1	1	3	2	62	960-1	157	2902	3386	4299

HOURS DURATION OF EVENTS

44 — 27.9N 150.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4098
≥.14																					4098
≥.13																					4098
≥.12	2																6-2	2	2	2	4098
≥.11	2	1	1			1											36-1	5	13	13	4098
≥.10	4		2		1				1						1		90-1	9	39	39	4098
≥.08	13	6	9	3	7	1				1	3	2	5			5	150-1	55	336	345	4106
≥.06	59	22	15	5	6	1	9	9	3	4	2	3	3	1		20	312-1	162	1053	1082	4108
≥.05	67	35	17	10	12	8	4	3	8	3	4	2	5	2		29	360-1	209	1423	1484	4110
≥.04	91	28	20	16	13	10	7	6	1	2	3	3	5	3	2	40	360-1	250	1797	1893	4134
≥.03	100	38	22	15	9	7	13	8	4	2	1	4	5	2	4	43	618-1	277	2091	2263	4163
≥.02	93	33	24	16	10	9	6	5	4	5	2	5	2	6	1	50	624-1	271	2546	2753	4207
≥.01	48	10	8	8	10	5	1	2	2	8	4	1	2	2	2	57	870-1	170	3208	3607	4307

HOURS DURATION OF EVENTS

46 — 26.1N 170.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	2		1														18-1	3	5	5	4100
≥.08	23	5	8	3	2	2	1	2	2				2			3	156-1	53	223	223	4110
≥.06	64	18	16	13	11	10	8	5	5	7	8	3	2		2	21	384-1	193	1328	1345	4179
≥.05	60	22	12	9	10	5	6	5	10	5	3	10	3	7		32	522-1	199	1796	1839	4235
≥.04	86	19	17	6	10	6	2	7	5	5	5	3	10	1	1	50	570-1	233	2210	2266	4265
≥.03	98	23	21	9	6	5	5	10	5	3	7	5	8	7	2	50	702-1	264	2622	2687	4340
≥.02	78	27	17	7	10	2	4	6	4	8	6	3	4	6	3	61	852-1	246	2886	3152	4396
≥.01	35	17	5	5	5	1	3	2	3	5	2	2	2	1	3	55	1026-1	146	3129	3876	4506

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11	1																6-1	1	1	1	4100
≥.10		2															12-2	2	4	4	4100
≥.08	14	4	1	2	1	2	3			1							60-1	28	81	90	4100
≥.06	88	38	31	20	12	16	11	3	6	5	4	1	2	3	1	6	126-2	247	947	970	4107
≥.05	166	48	29	21	19	13	17	6	11	11	4	6	5	1	3	17	162-1	377	1554	1598	4136
≥.04	148	53	35	16	17	14	15	6	6	8	9	7	4	4	2	38	264-2	382	2082	2162	4158
≥.03	118	45	33	11	14	14	18	11	6	5	13	6	6	2	1	53	432-1	356	2643	2742	4183
≥.02	42	23	14	1	9	2	6	4	1	4	3	3	4	4	1	58	1002-1	179	3284	3791	4330
≥.01	6	5	2	3	2					1	1		1			23	2154-1	44	3111	4440	4536

HOURS DURATION OF EVENTS

49 — 22.6N 128.0E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13	1	1															12-1	2	3	3	4100
≥.12			2			1											36-1	3	12	12	4100
≥.11	4	1	1		1		2										42-2	9	28	28	4100
≥.10	11	4	3		2	2		2						1			84-1	25	80	80	4100
≥.08	22	13	9	4	4	4	2	5	6	2		2	1	3	1	9	228-1	87	543	549	4100
≥.06	51	23	8	13	9	11	5	5	12	1	5	6	3	3	2	30	246-1	187	1369	1386	4115
≥.05	66	31	17	8	8	13	7	7	6	7	6	7	5	4		39	282-1	231	1739	1779	4124
≥.04	101	41	16	14	10	7	9	4	11	6	9	5	5	1	3	49	354-1	291	2116	2207	4146
≥.03	87	34	27	11	12	7	11	4	6	2	8	9	5	4	4	53	378-1	284	2427	2574	4166
≥.02	68	32	22	8	9	4	10	5	2	4	3	6	6	4	2	62	504-1	247	2874	3111	4261
≥.01	45	20	11	6	4	2	5	1	2	5	1	1	1	2		54	SEA-1	160	3535	4052	4760

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10																					4100
≥.08	43	6	5	2	1	1	1	1	1								54-1	61	113	113	4100
≥.06	93	32	20	11	9	12	6	6	4	2	1		3		4	18	606-1	221	1343	1363	4104
≥.05	116	48	24	12	14	9	11	6	7	9	4		1	5	1	25	624-1	292	1857	1882	4112
≥.04	118	42	31	13	16	17	11	8	6	3	4	7	3	3	2	36	1512-1	318	2379	2457	4123
≥.03	102	37	23	9	9	8	12	7	3	7	7	11	1	7	5	44	1530-1	292	2833	2954	4219
≥.02	85	34	18	16	7	5	7	6	4	5	4	7	8	4	3	54	1530-1	267	3127	3298	4226
≥.01	63	26	12	13	9	4	5	6	4	4	4	4	6	4	2	57	1950-1	223	3392	3700	4385

HOURS DURATION OF EVENTS

52 — 19.2N 127.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12	2																6-2	2	2	2	4100
≥.11	2	1	1														18-1	4	7	7	4100
≥.10	3	1		1	1					1							60-1	7	24	29	4100
≥.08	36	17	9	14	4	3	8	3	1	3			1	1	2	3	132-1	105	424	452	4100
≥.06	103	41	26	13	19	10	14	5	8	11	10	5	5	3	4	30	396-1	307	1982	2110	4147
≥.05	104	39	32	15	15	10	8	8	6	6	14	7	6	2	6	45	426-1	323	2578	2765	4195
≥.04	78	26	22	19	8	8	11	6	9	4	5	1	9	5	4	60	678-1	275	2952	3158	4218
≥.03	60	20	14	6	12	2	2	5	2	6	5	1	1	5	6	63	1920-1	210	3391	3827	4555
≥.02	30	14	11	3	5	3	1	2	2	2	1	2	2	1	2	53	SEA-1	134	3619	4319	4723
≥.01	7		3	1	1							1				24	SEA-1	37	2710	4658	4750

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14	2																6-2	2	2	2	4100
≥.13	1	1															12-1	2	3	3	4100
≥.12	1		1			1											36-1	3	10	10	4100
≥.11	5	1	1			1											36-1	8	16	16	4100
≥.10	13	8	1	1	2		1		1								54-1	27	62	62	4100
≥.08	44	13	7	10	9	3	5	3	1	2	2	2	1	1	1	5	204-1	109	484	495	4100
≥.06	81	32	36	13	5	6	10	12	4	5	7	1	4	3	1	14	258-1	234	1187	1243	4130
≥.05	117	43	28	24	10	7	10	1	8	7	9	8	6	3	2	18	558-1	301	1575	1650	4145
≥.04	141	48	36	16	12	7	9	8	5	11	4	9	4	4	4	26	606-1	344	1875	1972	4168
≥.03	141	40	37	24	17	7	15	3	3	7	6	10	3	5	5	36	606-1	359	2167	2271	4214
≥.02	161	31	34	14	19	4	10	6	7	5	5	4	4	4	6	48	828-1	362	2548	2703	4267
≥.01	118	19	21	11	3	6	3	6	6	3	2	3	1	2	3	56	SEA-1	261	3267	3667	4705

HOURS DURATION OF EVENTS

55 — 17.6N 138.5E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13	1																6-1	1	1	1	4100
≥.12	2	1															12-1	3	4	4	4100
≥.11	3	4		1													24-1	8	15	15	4100
≥.10	5	1	4	3	2	2	2										42-2	19	67	67	4100
≥.08	47	18	14	7	6	2	3	1	4	1	3	4		2		3	120-1	115	431	462	4100
≥.06	73	25	23	15	11	6	11	5	10	7	2	5	5	6	2	16	336-1	222	1286	1314	4102
≥.05	96	35	23	25	14	13	5	10	5	8	2	6	5	3	5	27	372-1	282	1696	1786	4122
≥.04	122	38	28	18	20	11	13	11	5	1	8	5	2	4	6	39	462-1	329	2103	2233	4155
≥.03	101	44	29	17	15	17	9	10	6	3	7	6	2	7	1	48	582-1	322	2374	2552	4157
≥.02	94	35	22	16	10	10	13	4	4	4	9	8	3	1	2	53	678-1	288	2704	2987	4174
≥.01	43	14	13	8	7	5	4	3	4	2	3	4	3	3	2	50	1062-1	168	3092	3781	4444

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4094
≥.14																					4094
≥.13	1																6-1	1	1	1	4094
≥.12	2	1															12-1	3	4	4	4094
≥.11	1	3	2														18-2	6	13	13	4094
≥.10	6	6	3	2	2												30-2	19	45	45	4094
≥.08	20	11	9	2	3	3	4	1		4	1	1				1	96-1	60	225	225	4094
≥.06	80	27	16	18	9	9	7	2	6	3	1	4	2			6	186-1	190	704	710	4095
≥.05	118	46	32	15	17	13	5	5	6	10	4	4	2	4	1	8	192-1	291	1110	1124	4105
≥.04	174	59	32	15	13	19	15	8	7	5	12	9	4	1	4	12	192-1	391	1519	1548	4116
≥.03	188	63	39	24	16	22	10	11	6	7	4	12	7	3	6	20	198-1	416	1837	1872	4123
≥.02	188	55	36	18	25	22	16	6	10	10	4	7	4	6	6	37	264-1	428	2271	2331	4164
≥.01	103	43	27	16	12	12	10	7	8	5	5	5	5	3	4	62	456-1	327	2784	2936	4263

HOURS DURATION OF EVENTS

58 — 14.5N 127.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11	2	1															12-1	3	4	4	4100
≥.10	3	1	1	2					1								54-1	8	25	25	4100
≥.08	23	5	10	6	1	4	4			1		2		2		2	114-1	60	242	244	4100
≥.06	68	25	21	10	9	6	8	9	5	2	2	4	4	1	1	10	[illegible]	164	[illegible]	[illegible]	4102
≥.05	74	32	17	14	11	8	8	6	6	7	4	4	1	3	4	16	[illegible]	217	1147	[illegible]	4107
≥.04	130	[illegible]	23	16	21	7	7	6	3	3	9	6	2	4	4	20	246-2	304	1462	[illegible]	4110
≥.03	131	51	22	18	16	8	9	6	7	1	2	3	3	4	1	32	[illegible]	314	1714	1827	4115
≥.02	157	46	31	18	10	16	11	8	6	8	4	3	4	2	2	33	558-1	359	2083	2223	4143
≥.01	109	26	18	15	5	7	11	3	8	4	2	4	2	7	4	54	606-1	274	2587	2997	4322

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11	1																6-1	1	1	1	4100
≥.10		2															12-2	2	4	4	4100
≥.08	28	8	5	7	7	3	1	2	1	1						1	162-1	64	209	214	4100
≥.06	95	32	37	16	16	9	9	8	4	8	6	5	3	3	1	18	744-1	270	1702	1729	4150
≥.05	94	37	24	23	8	14	6	7	11	4	8	5	8	6	5	33	1206-1	293	2198	[illegible]	4151
≥.04	112	37	28	19	14	10	7	3	5	7	2	5	6	3	6	48	1212-1	318	2726	[illegible]	4158
≥.03	77	26	19	16	5	8	10	4	3	2	8	2	3	5	3	63	1746-1	254	3073	3407	4201
≥.02	39	11	10	11	6	5	5	3	4	2	4	4	1		4	50	[illegible]	159	[illegible]	4066	4485
≥.01	3	1	2						1	1						21	SEA-1	29	[illegible]	4590	4747

HOURS DURATION OF EVENTS

61 — 12.0N 156.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13	1																6-1	1	1	1	4100
≥.12	1																6-1	1	1	1	4100
≥.11		1															12-1	[illegible]	2	2	4100
≥.10		1	1	1													24-1	3	9	9	4100
≥.08	12	[illegible]	4	[illegible]	4	1	1										[illegible]	30	[illegible]	[illegible]	4100
≥.06	77	24	18	6	6	5	8	2	1	1		2		1	2	3	[illegible]	[illegible]	[illegible]	[illegible]	4100
≥.05	[illegible]	[illegible]	22	12	12	2	8	1	9	1	4		1	1	1	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	10	27	16	17	6	10	6	6	1	5	1	5	2	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	17	21	10	16	6	10	10	7	5	7	6	7	1	5	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	22	11	14	7	9	10	5	6	6	7	2	3	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	20	11	[illegible]	[illegible]	2	1	4	2	1	1	1	4	5	1	[illegible]	SEA-1	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					[illegible]
≥.14																					[illegible]
≥.13																					[illegible]
≥.12																					[illegible]
≥.11																					[illegible]
≥.10																					[illegible]
≥.08			1	1													24-1	2	7	7	[illegible]
≥.06	2	2	2	1	1				1								[illegible]	9	30	32	[illegible]
≥.05	13	7	4	1			1								1		[illegible]	27	65	[illegible]	[illegible]
≥.04	26	12	11	4	1			1		1						1	[illegible]	57	141	[illegible]	[illegible]
≥.03	[illegible]	10	10	6	4	1	1		1	1						2	[illegible]	81	210	[illegible]	[illegible]
≥.02	72	19	12	8	9	4	3	3	1	2	1		1			2	[illegible]	137	[illegible]	[illegible]	[illegible]
≥.01	68	17	12	11	8	4	4	3	2	2	2	2	1	2		15	[illegible]	154	1005	[illegible]	[illegible]

HOURS DURATION OF EVENTS

44 27.9N 150.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4098
≥.14																					4098
≥.13																					4098
≥.12	2																6-2	2	2	2	4098
≥.11	2	1	1			1											36-1	5	13	13	4098
≥.10	4		2		1				1						1		90-1	9	39	39	4098
≥.08	13	6	9	3	7	1				1	3	2	5			5	150-1	55	336	345	4100
≥.06	59	22	15	5	6	1	9	9	3	4	2	3	3	1		20	312-1	162	1053	1082	4100
≥.05	67	35	17	10	12	8	4	3	8	3	4	2	5	2		29	360-1	209	1423	1484	4110
≥.04	91	28	20	16	13	10	7	6	1	2	3	3	5	3	2	40	380-1	250	1797	1893	4134
≥.03	100	38	22	15	9	7	13	8	4	2	1	4	5	2	4	43	618-1	277	2091	2263	4163
≥.02	93	33	24	16	10	9	6	5	4	5	2	5	2	6	1	50	624-1	271	2446	2753	4207
≥.01	48	10	8	8	10	5	1	2	2	8	4	1	2	2	2	57	870-1	170	3208	3607	4307

HOURS DURATION OF EVENTS

45 27.8N 145.6W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10																					4100
≥.08	13	3	1		4	1											72-1	26	71	71	4100
≥.06	91	37	22	12	5	9	10	3	9	5	6	2	6	2	2	15	204-1	236	1144	1180	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

47 25.0N 119.4W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11	1																6-1	1	1	1	4100
≥.10		2															12-2	2	4	4	4100
≥.08	14	4	1	2	1	2	3			1							60-1	28	81	90	4100
≥.06	88	38	31	20	12	16	11	3	6	5	4	1	2	3	1	6	126-2	247	947	970	4107
≥.05	166	48	29	21	19	13	17	6	11	11	4	6	5	1	3	17	162-1	377	1524	1598	4136
≥.04	146	53	35	16	17	14	15	6	6	8	9	7	4	4	2	38	264-2	382	2082	2162	4158
≥.03	118	45	33	11	14	14	18	11	6	5	13	6	6	2	1	53	432-1	356	2643	2742	4181
≥.02	42	23	14	1	9	2	6	4	1	4	3	3	4	4	1	58	1002-1	179	3284	3791	4330
≥.01	6	5	2	3	2					1	1		1			23	2154-1	44	3111	4440	4536

HOURS DURATION OF EVENTS

48 23.5N 151.8W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	1																6-1	1	1	1	4100
≥.08	17	7	3	2	1	5			2								60-1	[illegible]	[illegible]	[illegible]	4100
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

50 21.7N 162.7W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10																					4100
≥.08	43	6	5	2	1	1	1	1	1								54-1	61	113	113	4100
≥.06	93	32	20	11	9	12	6	6	4	2	1		3		4	18	606-1	221	1343	1363	4104
≥.05	116	49	24	12	14	9	11	6	7	9	4		1	5	1	25	624-1	292	1857	1882	4112
≥.04	116	42	31	13	16	17	11	8	6	3	4	7	3	3	2	36	1512-1	318	2379	2457	4123
≥.03	102	37	23	9	9	8	12	7	3	7	7	11	1	7	5	44	1530-1	292	2833	2924	4219
≥.02	85	34	18	16	7	5	7	6	4	5	4	7	8	4	3	54	1530-1	267	3127	3288	4226
≥.01	63	26	12	13	9	4	5	6	4	4	4	4	6	4	2	57	1950-1	223	3392	3700	4385

HOURS DURATION OF EVENTS

51 20.5N 177.1W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10																					4100
≥.08	33	13	8	2		1	3	1		1							66-1	63	147	148	4100
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

53 18.5N 120.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14	2																6-2	2	2	2	4100
≥.13	1	1															12-1	2	3	3	4100
≥.12	1		1			1											36-1	3	10	10	4100
≥.11	5	1	1			1											36-1	8	16	16	4100
≥.10	13	8	1	1	2		1		1								54-1	27	62	62	4100
≥.08	44	13	7	10	9	3	5	3	1	2	2	2	1	1	1	5	204-1	109	484	495	4100
≥.06	81	32	36	13	5	6	10	12	4	5	7	1	4	3	1	14	[illegible]	234	1187	1243	4130
≥.05	117	43	28	24	10	7	10	1	8	7	9	8	6	3	2	18	558-1	301	1575	1650	4145
≥.04	141	48	36	16	12	7	9	8	5	11	4	9	4	4	4	26	606-1	344	1875	1972	4188
≥.03	141	40	37	24	17	7	15	3	3	7	6	10	3	5	5	30	606-1	359	2167	2271	4214
≥.02	161	31	34	14	19	4	10	6	7	5	5	4	4	4	6	48	828-1	362	2548	2701	4267
≥.01	118	19	21	11	3	6	3	6	6	3	2	3	1	2	3	56	SEA-1	261	3267	3667	4705

HOURS DURATION OF EVENTS

54 18.2N 168.8E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11																					4100
≥.10	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]	4100
≥.08	29	9	10	5	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69	[illegible]	[illegible]	4100
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

56 17.6N 111.5W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4094
≥.14																					4094
≥.13	1																6-1	1	1	1	4094
≥.12	2	1															12-1	3	4	4	[illegible]
≥.11	1	3	2														18-2	6	13	13	[illegible]
≥.10	6	6	3	2	2												30-2	19	45	45	[illegible]
≥.08	20	11	9	2	3	3	4	1		4	1	1				1	96-1	60	223	225	[illegible]
≥.06	80	27	16	18	9	9	7	2	6	3	1	4	2			6	[illegible]	190	704	710	[illegible]
≥.05	116	46	32	15	17	13	5	5	6	10	4	4	2	4	1	8	192-1	281	1110	[illegible]	[illegible]
≥.04	174	59	34	15	13	19	15	8	7	5	12	9	4	3	4	12	192-1	351	1519	[illegible]	[illegible]
≥.03	166	63	39	24	16	27	10	11	6	7	4	12	7	3	6	20	[illegible]	416	[illegible]	[illegible]	[illegible]
≥.02	166	55	36	18	25	22	16	6	10	10	4	7	4	6	6	37	264-1	428	2271	[illegible]	[illegible]
≥.01	103	43	27	16	12	12	10	7	8	5	5	5	5	3	4	62	456-1	327	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

57 14.6N 147.9E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																[illegible]	[illegible]	[illegible]	[illegible]	4100
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4100
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4100
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4100
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4100
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4100
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

59 14.0N 160.6W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4100
≥.14																					4100
≥.13																					4100
≥.12																					4100
≥.11	1																6-1	1	1	1	4100
≥.10		2															12-2	2	4	4	4100
≥.08	28	8	5	7	7	3	1	2	1	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62	208	214	4100
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

60 [illegible]

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					[illegible]
≥.14																					[illegible]
≥.13																					[illegible]
≥.12																					[illegible]
≥.11																					[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

62 4.1N 106.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					[illegible]
≥.14																					[illegible]
≥.13																					[illegible]
≥.12																					[illegible]
≥.11																					[illegible]
≥.10																					[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

63 [illegible]

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					[illegible]
≥.14																					[illegible]
≥.13																					[illegible]
≥.12																					[illegible]
≥.11																					[illegible]
≥.10																					[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

2

1 — 64.0N 168.7W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4545
≥.14			1														18-1	1	3	3	4545
≥.13	1		1														18-1	2	4	4	4545
≥.12	1	2	2		1												30-1	6	16	16	4545
≥.11	20	14	5	4	1		2										42-2	46	98	104	4545
≥.10	47	28	14	5	8	6	4		2	2	2		2		1	1	114-1	120	385	394	4567
≥.08	63	35	28	25	18	16	15	9	8	11	11	7	7	5	2	31	282-1	291	2002	2158	4673
≥.06	12	15	13	12	17	8	14	11	15	9	2	9	8	8	6	73	900-1	232	3111	3660	4808
≥.05	13	10	11	14	7	6	16	6	4	13	8	4	7	4	8	79	906-1	210	3529	3994	4841
≥.04	17	6	8	10	8	8	13	8	3	4	11	6	3	4	8	80	1332-1	197	3727	4278	4939
≥.03	17	6	7	9	6	7	8	9	2	4	7	8	3	4	4	75	1332-1	176	3888	4499	5021
≥.02	16	5	2	7	5	2	9	6	3	4	4	4	3	3	3	72	SEA-1	148	4010	4746	5158
≥.01	9	3	1	3	2	1	5	4	2	1	3	2				56	SEA-2	92	3635	4984	5253

HOURS DURATION OF EVENTS

2 — 59.4N 172.0W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15		1															12-1	1	2	2	4545
≥.14			1														18-1	1	3	3	4545
≥.13	11	2	1														18-1	14	18	19	4545
≥.12	6	9	6	9	2	1											36-1	33	94	96	4545
≥.11	30	25	18	15	11	6	4	1	4								54-4	114	357	361	4546
≥.10	32	28	28	25	25	16	11	6	5	4	3	2	2	2	1	5	132-1	195	926	941	4556
≥.08	29	24	21	15	20	15	13	13	15	7	12	9	4	5	9	47	462-1	258	2565	2713	4610
≥.06	21	12	16	18	9	6	11	8	17	8	8	7	4	7	9	74	1128-1	235	3536	3917	4835
≥.05	18	11	8	16	9	10	6	3	6	9	13	1	8	9	5	86	1134-1	218	3827	4262	4905
≥.04	15	5	4	10	8	4	6	2	1	4	5	2	4	6	6	89	1134-1	171	3979	4489	4941
≥.03	7	8	3	5	2	5	7	2	2	1	4	2	1	3	3	85	1134-1	140	4153	4750	5088
≥.02	7	5	1	2	2		4	3	1	2		2	2	3		51	SEA-1	85	4110	5037	5225
≥.01	3	2		2			1									25	SEA-4	33	3944	5752	5825

HOURS DURATION OF EVENTS

4 — 56.8N 174.8E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1	1															12-1	2	3	3	4545
≥.14	3	5															12-5	8	13	13	4545
≥.13	8	3	4	4	1		1										42-1	21	54	55	4545
≥.12	25	17	7	3	3	2	1	2	1	1		1					72-1	63	173	176	4545
≥.11	45	23	24	14	10	6	6	2	2	3	1	2		1	2		90-2	141	490	506	4553
≥.10	41	31	30	31	34	12	10	13	8	9	2	4	3	2		8	186-1	238	1207	1246	4571
≥.08	23	18	11	17	23	19	16	15	17	13	11	11	6	5	8	54	480-1	267	2900	3156	4683
≥.06	22	12	12	8	14	10	11	16	9	5	7	6	8	8	4	79	570-1	231	3565	3958	4729
≥.05	11	14	11	10	6	7	7	9	7	8	6	2	4	4	5	84	576-1	195	3715	4216	4747
≥.04	11	4	6	10	5	6	5	6	7	2	4	5	1	3	1	77	1626-1	153	4148	4770	5125
≥.03	10	4	2	4	2	1	1	7	5	1	1	3	3			64	SEA-1	108	4227	5164	5384
≥.02	6	3	1	2	1	1			2	3				1		41	SEA-3	61	4013	5400	5491
≥.01			1											1		11	SEA-5	13	2331	4765	4777

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	3																6-3	3	3	3	4545
≥.13	11	3	3	1													24-1	18	30	30	4545
≥.12	18	14	10	9	2			1									48-1	54	130	130	4545
≥.11	30	19	19	19	11	8	5	5	3	1	1	2					72-2	123	451	451	4547
≥.10	44	20	24	13	20	11	13	12	7	7	7	2	4	1		7	132-1	192	989	1004	4554
≥.08	38	30	19	19	11	11	18	12	17	8	16	6	3	7	7	49	390-1	271	2579	2629	4581
≥.06	24	22	16	14	14	15	12	15	10	8	12	9	7	7	7	73	540-1	265	3372	3546	4633
≥.05	17	11	16	12	7	9	2	12	15	6	6	10	7	10	3	85	540-1	228	3632	3864	4652
≥.04	20	17	7	11	8	2	2	4	6	10	7	2	4	5	2	84	1104-1	191	3772	4114	4668
≥.03	10	11	9	7	7			3	3	3	6	1	3	1	4	74	1116-1	142	3832	4573	4940
≥.02	6	3	5	5	3	2		2	2		2					55	1176-1	85	3755	4992	5163
≥.01	1	1		1	1											20	SEA-5	24	3922	6068	6104

HOURS DURATION OF EVENTS

7 — 53.4N 164.7E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15		1															12-1	1	2	3	4544
≥.14	2	1															12-1	3	4	5	4544
≥.13	9	2	1		1												30-1	13	21	24	4544
≥.12	20	8	6	4				1									48-1	39	78	81	4544
≥.11	28	21	22	9	10	3	3	1	1	1			1	1			84-1	101	315	328	4544
≥.10	39	30	31	25	15	8	14	7	7	5	3	1		1		4	162-1	190	829	869	4554
≥.08	38	31	22	26	25	19	20	19	15	13	8	15	7	6	3	43	306-1	310	2498	2712	4638
≥.06	26	17	21	14	16	7	16	15	13	15	13	8	14	10	6	72	474-1	283	3391	3714	4694
≥.05	15	17	13	12	13	4	11	9	12	7	6	11	6	7	5	87	510-1	235	3640	4093	4723
≥.04	11	8	10	9	12	6	7	4	9	4	4	7	3	3	4	91	606-1	192	3791	4331	4778
≥.03	8	5	6	4	6	2	5	2	4	1	2	4	3		3	79	1092-1	134	3832	4613	4891
≥.02	1	3	1	2	2	3	2	1		1		4		1	1	43	SEA-3	65	3891	5310	5437
≥.01		1		1									1	1		11	SEA-6	15	2563	5193	5217

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	5	2	2														18-2	9	15	15	4545
≥.14	5	3	5	1			1										42-1	15	37	37	4545
≥.13	6	8	8	3		1	1	1									48-1	28	79	79	4545
≥.12	37	24	9	5	4	6	1		1		1						66-1	88	215	221	4545
≥.11	46	39	41	14	10	7	6	6	6	1			1				78-1	177	562	572	4547
≥.10	54	31	43	37	32	19	10	10	6	5	2	5	2	3	1	5	132-1	265	1183	1220	4556
≥.08	39	26	33	25	28	19	30	13	14	10	9	14	8	7	3	53	312-1	331	2844	3031	4657
≥.06	17	21	6	20	17	14	13	16	10	7	11	8	10	8	5	77	528-1	280	3510	3928	4758
≥.05	14	14	12	8	16	10	9	10	6	10	10	3	7	8	4	84	[illegible]	225	3863	4340	4897
≥.04	17	7	10	3	5	8	3	7	7	4	6	3	3	9	4	79	972-1	175	4091	4627	5014
≥.03	9	1	4	5	4	3	1	4	4	4	4	2	1	2	5	65	[illegible]	118	4195	5094	5344
≥.02	9	1	1	2	2	1		1	1				2		4	39	SEA-1	63	4137	5565	5679
≥.01	3															9	SEA-5	12	2440	5007	5022

HOURS DURATION OF EVENTS

10 — 51.7N 135.6W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	2																6-2	2	2	2	4545
≥.14	6	2	1														18-1	9	13	13	4545
≥.13	24	8	4	2													24-2	38	60	60	4545
≥.12	39	28	17	7	4		1		1								54-1	97	205	205	4545
≥.11	37	31	30	25	20	13	2	4		3		2					72-2	167	567	568	4545
≥.10	51	39	28	26	25	20	19	10	10	5	4	8	4	1	1	11	144-1	262	1333	1363	4561
≥.08	39	17	19	11	17	14	18	6	13	8	7	8	7	8	2	65	528-1	259	3076	3169	4610
≥.06	21	16	15	7	11	5	8	7	4	9	6	5	7	7	2	88	720-1	218	3854	4030	4748
≥.05	17	12	8	12	7	8	3	5	5	5	3	2	5	5	4	81	774-1	182	3834	4237	4727
≥.04	9	10	3	7	6	4	5	2	4	1	2	3	3	4	2	71	810-1	136	3893	4453	4787
≥.03	10	5	3	6	2	3	1	2		1	3		2	3	1	56	17[illegible]-1	98	3890	4793	5003
≥.02	2		1	2	1	2							1	1		37	SEA-1	47	3629	4940	5038
≥.01				1	2			1								12	SEA-5	16	2679	4970	5001

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	2	1															12-1	3	4	4	4545
≥.14	7	4			1												30-1	12	20	20	4545
≥.13	9	3	4		3												30-3	19	42	42	4545
≥.12	25	11	10	6	3		1	1	1								54-1	58	140	141	4545
≥.11	59	30	12	13	14	11	2	2	2	2						1	96-1	148	477	[illegible]	4545
≥.10	81	44	38	35	21	19	13	14	7	4	3	3	2	2	1	6	[illegible]	283	1193	1218	[illegible]
≥.08	23	23	25	19	22	15	18	13	11	11	8	9	14	6	12	61	[illegible]	292	[illegible]	3125	4670
≥.06	16	15	14	12	8	4	11	4	7	5	7	8	2	8	2	85	[illegible]	209	[illegible]	4152	4807
≥.05	13	12	14	6	9	7	6	5	3	3	6	7	4	3	3	74	912-1	181	[illegible]	[illegible]	[illegible]
≥.04	12	11	9	3	7	9	3	4	2	4	2	3	4	1	2	72	912-1	150	[illegible]	4651	4971
≥.03	8	4	5	3	5	6	2	3		1	2	1	1	1		53	1044-1	95	[illegible]	4720	[illegible]
≥.02	4	5	3	2	2	1		1			1		1			28	[illegible]	49	[illegible]	5216	5314
≥.01	1	1		1											1	10	SEA-6	15	2720	5169	5196

HOURS DURATION OF EVENTS

13 — 50.3N 171.3W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	2																6-2	2	2	2	4545
≥.14	3	3	1														18-1	7	12	12	4545
≥.13	9	6	4		1												30-1	20	[illegible]	[illegible]	4545
≥.12	11	20	8	4	2	1	1	1	1								54-1	71	165	167	4545
≥.11	50	29	21	14	11	9	7	6		1	1				1	1	120-1	151	489	495	4549
≥.10	61	39	29	29	21	14	19	10	10	4	6	7	4	3	1	5	[illegible]	254	1205	1214	4550
≥.08	31	31	24	29	18	14	28	13	10	13	11	8	8	2	6	62	[illegible]	303	[illegible]	[illegible]	[illegible]
≥.06	17	14	9	11	16	4	9	8	13	8	5	4	5	4	1	[illegible]	552-1	227	[illegible]	[illegible]	4652
≥.05	17	9	4	11	6	9	14	6	6	6	7	4	5	3	1	83	[illegible]	193	[illegible]	4709	[illegible]
≥.04	10	3	5	8	5	5	4	5	2	5	3	3	3	3		77	[illegible]	142	[illegible]	4502	4617
≥.03	6	3	2	2	3	3	4	4		2	2		1			60	[illegible]	[illegible]	4046	4979	5136
≥.02	3	3		1	1	1	1									27	SEA-4	37	3736	5374	5430
≥.01																9	SEA-5	9	2192	4950	4964

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	4	2	1		1	1											36-1	9	22	22	4545
≥.14	9	7	3		2		2										42-2	23	[illegible]	[illegible]	4545
≥.13	22	11	5	5	1	1	1	1									48-1	51	125	127	4545
≥.12	[illegible]	21	11	9	5	3	2	3	1		1	1					72-1	100	281	287	4545
≥.11	57	45	[illegible]	21	10	7	6	2	3	3	2	1	1	1		1	[illegible]	[illegible]	645	657	4547
≥.10	62	41	42	42	28	22	17	6	8	5	6	2		1	6	8	[illegible]	287	[illegible]	1380	[illegible]
≥.08	33	32	25	23	18	21	22	13	6	15	11	11	13	5	6	59	[illegible]	318	[illegible]	[illegible]	[illegible]
≥.06	17	17	15	14	8	7	11	8	5	9	7	11	2	13	6	[illegible]	[illegible]	[illegible]	[illegible]	4093	[illegible]
≥.05	22	12	7	[illegible]	11	4	5	5	8	4	6	5	5	7	5	80	[illegible]	187	[illegible]	4397	[illegible]
≥.04	8	4	9	4	4	5		2	5	2	4	6	[illegible]	2	6	[illegible]	[illegible]	[illegible]	4163	4611	[illegible]
≥.03	8	4	5	1	1	4		1		1		2	2	1	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5108
≥.02	1	3	3			1	1							1		30	SEA-3	40	3901	5770	[illegible]
≥.01																7	SEA-5	7	2222	4703	4712

HOURS DURATION OF EVENTS

16 — 47.1N 161.2E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	[illegible]	[illegible]	[illegible]														12-2	5	7	7	4545
≥.14	[illegible]	[illegible]															12-5	13	18	18	4545
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												30-2	34	65	65	4545
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]								54-1	97	225	225	4545
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					72-1	189	611	613	4545
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	150-1	305	[illegible]	1311	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	390-1	[illegible]	[illegible]	3091	4705
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79	774-1	257	[illegible]	[illegible]	4744
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81	774-1	222	[illegible]	[illegible]	4807
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	172	4151	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63	[illegible]	115	4166	[illegible]	5549
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]		11	SEA-3	53	3177	5521	5612
≥.01	[illegible]	[illegible]												[illegible]	[illegible]	8	SEA-5	14	[illegible]	4712	4728

HOURS DURATION OF EVENTS

17 — 45.8N 139.3[illegible]

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4544
≥.14																					4544
≥.13	1																6-1	1	1	1	4544
≥.12	1	2															12-2	3	5	5	4544
≥.11	7	5	1		2												30-2	15	30	30	4544
≥.10	25	10	5	7	2	2				1							60-1	59	132	133	[illegible]
≥.08	79	[illegible]	44	22	25	23	16	11	7	7	3	4	5		7	5	114-1	318	[illegible]	[illegible]	[illegible]
≥.06	50	[illegible]	12	13	25	13	12	16	14	14	13	14	8	7	8	49	[illegible]	[illegible]	2620	[illegible]	[illegible]
≥.05	31	29	31	12	23	12	17	13	20	10	13	16	11	8	3	62	[illegible]	[illegible]	3200	3511	4646
≥.04	37	28	23	23	15	13	21	10	19	14	10	19	8	6	6	69	[illegible]	320	[illegible]	3716	[illegible]
≥.03	30	17	20	25	13	12	21	5	11	15	10	18	9	[illegible]	5	73	[illegible]	294	[illegible]	[illegible]	[illegible]
≥.02	23	14	15	16	11	11	17	[illegible]	14	9	15	8	12	6	6	77	[illegible]	262	3740	4141	4765
≥.01	23	10	11	8	7	10	11	8	10	7	12	5	9	5	8	76	1032-1	218	3789	4267	4790

HOURS DURATION OF EVENTS

19 — 44.3N 177.7W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	[illegible]																24-1	2	5	5	4545
≥.14	[illegible]	[illegible]	[illegible]														24-2	19	29	29	4545
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]											36-2	43	87	87	4545
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										54-1	86	222	222	4545
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						72-2	177	[illegible]	[illegible]	4545
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4545
≥.14	7	1															12-1	8	9	9	4545
≥.13	13	12	2	1	1	1											36-1	30	[illegible]	[illegible]	4545
≥.12	18	16	14	9	2	1	1	2									48-2	64	172	172	[illegible]
≥.11	[illegible]	29	21	19	15	11	6	2	2		2	1		1		1	114-1	158	[illegible]	[illegible]	[illegible]
≥.10	55	45	[illegible]	31	31	18	10	11	12	4	4	5	2	2	2	6	[illegible]	271	[illegible]	[illegible]	[illegible]
≥.08	45	22	25	18	15	15	15	10	16	5	3	5	3	4	7	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	23	16	15	7	6	9	3	7	1	3	3	3	7	5	[illegible]	81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	19	16	7	1	5	9	6	5	4	5	4	3	2	5		[illegible]	[illegible]	173	[illegible]	[illegible]	[illegible]
≥.04	7	2	7	5	1	7	6	5	4	3	2		1	2	4	69	[illegible]	126	[illegible]	[illegible]	[illegible]
≥.03	4	2	5	2	3		2	3	3	1	1	1		2	1	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	4		1	2	1	1			1			1				32	[illegible]	43	[illegible]	[illegible]	[illegible]
≥.01																10	SEA-5	10	[illegible]	5167	[illegible]

HOURS DURATION OF EVENTS

WAVE SLOPE (α) DURATIONS

2 — 59.4N 172.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15		1															12-1	1	2	2	4545
≥.14			1														18-1	1	3	3	4545
≥.13	11	2	1														18-1	14	18	19	4545
≥.12	6	9	6	9	2	1											36-1	33	94	96	4545
≥.11	30	25	18	15	11	6	4	1	4								54-4	114	357	361	4546
≥.10	32	28	28	25	25	16	11	6	5	4	3	2	2	2	1	5	132-1	195	926	941	4556
≥.08	29	24	21	15	20	15	13	13	15	7	12	9	4	5	9	47	462-1	258	2565	2733	4610
≥.06	21	12	16	18	9	6	11	8	17	8	8	7	4	7	9	74	1128-1	235	3536	3917	4835
≥.05	18	11	8	16	9	10	6	3	6	9	13	1	8	9	5	86	1134-1	218	3827	4262	4905
≥.04	15	5	4	10	8	4	6	2	1	4	5	2	4	6	6	89	1134-1	171	3979	4489	4941
≥.03	7	8	3	5	2	5	7	2	2	1	4	2	1	3	3	85	1134-1	140	4153	4750	5088
≥.02	7	5	1	2	2		4	3	1	2		2	2	3		51	SEA-1	85	4110	5037	5225
≥.01	3	2		2			1									25	SEA-4	33	3944	5752	5825

HOURS DURATION OF EVENTS

3 — 58.5N 151.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15		1															12-1	1	2	2	4545
≥.14			1														18-1	1	3	3	4545
≥.13	2	1		1													24-1	4	8	8	4545
≥.12	12	6	3	1		1											36-1	23	43	43	4545
≥.11	27	19	10	6	5	5	1	1	1		1						66-1	76	209	209	4545
≥.10	40	21	21	17	17	10	4	6	5	1	1	2	2		2	2	150-1	151	622	627	4549
≥.08	78	45	19	30	32	20	18	14	11	14	6	3	5	4	5	30	210-2	342	2077	2141	4577
≥.06	30	21	19	17	20	25	17	8	18	9	13	10	10	8	5	67	282-2	297	3161	3345	4610
≥.05	27	26	16	17	11	20	12	12	6	5	17	8	10	5	6	78	492-1	276	3554	3796	4700
≥.04	17	19	13	15	10	11	11	9	3	7	9	6	12	3	5	85	948-1	235	3861	4163	4839
≥.03	16	15	9	11	8	5	8	8	7	3	5	11	7	2	3	90	954-1	208	4018	4356	4871
≥.02	13	12	5	8	2	8	6	9	2	1	4	6	6	2	3	72	1014-1	159	3930	4590	4931
≥.01	3	10	1	4	1	1	2	1	1		3	1	2	2	4	54	SEA-1	88	4353	5497	5675

HOURS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	3																6-3	3	3	3	4545
≥.13	11	3	3	1													24-1	18	30	30	4545
≥.12	18	14	10	9	2												48-1	54	130	130	4545
≥.11	30	19	19	19	11	8	5	5	3	1	1	2					72-2	123	451	451	4547
≥.10	44	20	24	13	20	11	13	12	7	7	2	4	1				132-1	192	989	1004	4554
≥.08	38	30	19	19	11	11	18	12	17	8	16	6	3	7	7	49	390-1	271	2579	2929	4581
≥.06	24	22	16	14	14	15	12	15	10	8	2	9	3	7	7	73	540-1	262	3372	3646	4633
≥.05	17	11	16	12	9	9	2	17	5	6	6	10	7	10	3	82	540-1	228	3632	3984	4652
≥.04	20	17	7	1	8	2	2	4	6	10	7	2	4	5	2	84	1104-1	191	3772	4114	4668
≥.03	10	11	9	7	7		3	3	3	6	1	3	1	1	4	74	1116-1	142	3832	4573	4940
≥.02	6	3	5	5	3	2		2	2		2					55	1176-1	85	3755	4992	5163
≥.01	1	1	1													20	SEA-5	24	3922	6088	6104

HOURS DURATION OF EVENTS

6 — 54.9N 167.1W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	1	1															12-1	2	3	3	4545
≥.13	10	4	1	1													24-1	16	25	26	4545
≥.12	12	12	3	4	1	3	1										42-1	36	91	93	4545
≥.11	30	17	16	9	6	7	3	3		1	1						66-1	93	286	289	4545
≥.10	54	26	45	24	17	8	12	5	7	6	4	1	1			2	132-2	214	854	861	4545
≥.08	39	22	21	29	16	21	19	21	10	12	11	10	11	9	9	48	258-1	308	2714	2850	4610
≥.06	11	18	18	14	17	7	13	10	13	14	15	8	9	7	8	76	498-1	258	3532	3760	4648
≥.05	18	12	14	10	13	10	7	7	6	14	10	6	6	8	8	83	594-1	232	3822	4150	4759
≥.04	11	5	12	5	10	10	4	6	6	9	5	4	3	3	6	78	798-1	177	3934	4346	4768
≥.03	12	1	5	1	5	8	4	2	2	5	2	5	2	3	2	74	804-1	133	3874	4598	4879
≥.02	6	2	1	3		2	1				1		2	1		45	SEA-1	64	3985	5059	5184
≥.01	2		1	1		1			1							12	SEA-4	18	2522	4755	4796

HOURS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	5	2	2														18-2	9	15	15	4545
≥.14	7	2	2			1											42-1	15	27	27	4545
≥.13	6	8	8	3			1										48-1	28	79	79	4545
≥.12	37	24	9	5	4	6	1		1		1						66-1	88	215	221	4545
≥.11	46	39	41	14	10	7	6	6	6	1							78-1	177	562	572	4547
≥.10	53	31	43	37	32	19	10	10	6	5	2	5	2	3		5	132-1	265	1183	1220	4556
≥.08	39	26	33	25	28	19	30	13	14	10	9	14	8	7	3	53	312-1	331	2844	3031	4657
≥.06	17	21	6	20	17	14	13	16	10	7	11	8	10	8	5	77	528-1	260	3610	3928	4758
≥.05	14	14	12	8	16	10	9	10	6	10	10	3	7	8	4	84	882-1	225	3963	4340	4897
≥.04	17	7	10	3	5	8	3	7	7	4	6	3	3	9	4	79	972-1	175	4091	4627	5014
≥.03	9	1	4	5	4	3	1	4	4	4	4	2	1	2	5	65	1758-1	118	4395	5094	5344
≥.02	9	1	1	2	2	1		1	1				2		4	39	SEA-1	63	4137	5565	5679
≥.01	3															9	SEA-5	12	2440	5007	5022

HOURS DURATION OF EVENTS

9 — 51.7N 158.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1	2															12-2	3	5	5	4545
≥.14	2	1	2														18-2	5	10	10	4545
≥.13	8	4	2	1													24-1	15	26	26	4545
≥.12	18	17	10		1	2											36-2	48	99	99	4545
≥.11	25	21	15	19	5	4	3								1		90-1	93	273	283	4555
≥.10	50	22	32	29	11	12	11	4	8	1	3	1				1	114-1	185	688	712	4561
≥.08	45	36	22	36	29	25	23	10	9	7	6	10	11	4	7	37	216-1	317	2310	2415	4610
≥.06	14	24	15	10	20	15	14	9	7	12	10	4	8	9	5	81	396-1	257	3364	3658	4683
≥.05	18	14	16	9	8	8	17	8	7	8	7	7	5	12	2	87	648-1	233	3708	4150	4875
≥.04	16	7	10	13	6	6	9	6	8	8	8	3	6	6	3	81	702-1	196	3802	4499	5026
≥.03	12	5	6	9	5	4	6	2	3	5	4		3	6	1	77	708-1	148	3976	4739	5104
≥.02	4	7	1	4	3	1	1	2	3		3	2	2	3	2	57	1950-1	95	4614	5641	5848
≥.01	2	3		1	1		1	1		2		2	1	1		24	SEA-6	39	3879	6049	6128

HOURS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	2	1															12-1	3	4	4	4545
≥.14	7	4			1												30-1	12	20	20	4545
≥.13	9	3	4		3												30-3	19	42	42	4545
≥.12	25	11	10	6	3		1	1	1								54-1	58	140	141	4545
≥.11	59	30	12	13	14	11	2	2	2	2						1	96-1	148	427	433	4545
≥.10	81	44	38	35	21	19	13	14	7	4	3	3	2	2	1	6	120-1	293	1193	1218	4545
≥.08	23	23	25	19	22	15	18	13	11	13	8	9	14	6	12	61	378-1	292	3209	3325	4670
≥.06	16	15	14	12	8	4	11	4	7	5	7	8	2	8	2	86	798-1	209	3879	4152	4807
≥.05	13	12	14	8	9	7	6	5	3	3	8	7	4	3	3	76	912-1	181	3883	4383	4846
≥.04	14	11	9	3	7	9	3	4	2	4	2	3	4	1	2	72	912-1	150	4073	4651	4971
≥.03	8	4	5	3	5	6	2	3		1	2	1	1	1		53	1044-1	95	3546	4730	4926
≥.02	4	5	3	2	2	1		1			1	1	1			28	1860-1	49	3523	5218	5314
≥.01	1	1		1								1			1	10	SEA-6	15	2720	5169	5196

HOURS DURATION OF EVENTS

12 — 50.9N 145.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1	1															12-1	2	3	3	4545
≥.14	5	1	2														18-2	8	13	13	4545
≥.13	17	9	1	3	3												30-3	33	65	65	4545
≥.12	27	13	14	16	6	1	1										42-1	78	202	202	4545
≥.11	52	31	21	21	17	16	7	4	4	1	2				1	1	96-1	178	622	622	4545
≥.10	56	50	31	28	25	19	15	12	18	11	7	5	5	2	3	9	144-1	296	1524	1526	4556
≥.08	32	24	11	15	10	14	9	10	2	6	3	6	5	2	6	76	468-1	231	3201	3419	4605
≥.06	14	9	10	11	6	5	7	5	5	7	3	1	2	2	1	77	954-1	165	3557	4180	4739
≥.05	12	10	8	4	8	4	5	4	3	5	3		1	1		72	960-1	140	3688	4385	4768
≥.04	7	5	5	3	5	3	4	4	3	1	1				2	64	1680-1	107	3847	4772	5039
≥.03	7	1		2	5	2		2	1	1	1	2		2	1	47	1752-1	74	3831	5116	5272
≥.02	4	1	1	2						1	2					31	SEA-2	42	3586	5348	5417
≥.01				1									1			12	SEA-5	14	3331	5556	5570

HOURS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	4	2	1		1	1											36-1	9	22	22	4545
≥.14	9	7	3		2		2										42-2	23	56	56	4545
≥.13	22	13	5	5	1	1	1	3									48-3	51	125	127	4545
≥.12	36	21	18	9	5	3	2	3	1		1	1					72-1	100	281	287	4545
≥.11	57	45	36	21	10	7	6	2	3	3	2	3	1	1		1	108-1	198	649	657	4547
≥.10	62	41	42	42	29	22	17	6	8	5	6	2		1	6	8	150-3	297	1366	1390	4547
≥.08	33	32	25	23	16	23	22	18	6	15	11	11	13	5	6	59	282-1	318	3032	3241	4662
≥.06	17	17	15	14	8	7	13	8	5	9	7	11	2	13	6	84	684-1	236	3808	4091	4756
≥.05	22	12	7	1	11	4	5	5	8	4	6	5	5	7	5	80	1008-1	187	3926	4307	4746
≥.04	8	4	9	4	4	5		2	5	2	4	4	3	2	4	73	1284-1	133	4141	4611	4895
≥.03	8	4	5	1	1	4		1		1		2	2	1	2	54	1098-1	86	3953	4958	5108
≥.02	1	3	3			1	1							1		30	SEA-3	40	3901	5770	5836
≥.01																7	SEA-5	7	2222	4703	4712

HOURS DURATION OF EVENTS

15 — 49.0N 128.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	4																6-4	4	4	4	4545
≥.13	8	8	2														18-2	18	30	30	4545
≥.12	19	17	9	4		1		1									48-1	51	110	110	4545
≥.11	25	31	6	10	14	8	3	3	2	3	1						66-1	106	367	367	4545
≥.10	38	26	24	20	16	13	11	7	10	4	3	2	3	2		4	138-1	183	866	882	4554
≥.08	43	40	16	16	18	10	9	17	9	12	16	3	9	6	6	43	282-1	273	2125	2346	4579
≥.06	38	24	20	11	15	8	8	11	5	10	7	9	5	4	10	78	462-1	263	3197	3558	4679
≥.05	25	29	23	13	10	9	9	6	6	9	7	3	7	3	5	77	612-1	243	3514	3796	4695
≥.04	16	25	16	16	11	9	3	5	2	8	3	8	5	4	2	74	978-1	207	3796	4113	4809
≥.03	12	13	19	9	5	6	3	5	3	5	3	7	2	1	3	70	1128-1	166	3730	4295	4782
≥.02	7	5	11	4	2	3	6	3	1		3				1	56	1698-1	102	3634	4548	4803
≥.01	2	3	2	3			2			3	2		1		1	25	SEA-2	44	3257	4854	4970

HOURS DURATION OF EVENTS

17 — 45.8N 139.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4544
≥.14																					4544
≥.13	1																6-1	1	1	1	4544
≥.12	1	2															12-2	3	5	5	4544
≥.11	7	5	1		2												30-2	15	30	30	4544
≥.10	25	19	3	7	2	2				1							60-1	59	132	133	4548
≥.08	75	63	44	22	25	23	16	11	7	7	3	4	5	1	2	5	114-1	318	1299	1350	4568
≥.06	50	38	32	11	26	13	12	16	14	14	13	14	8	7	8	49	360-1	345	2820	2939	4638
≥.05	31	38	11	32	21	12	17	13	20	10	13	16	11	8	3	62	366-1	336	3200	3511	4646
≥.04	37	24	23	23	18	13	21	10	19	14	10	19	8	6	6	69	366-1	320	3449	3714	4666
≥.03	30	17	20	24	13	12	21	5	18	15	10	18	9	4	5	73	558-1	294	3566	3894	4692
≥.02	23	14	15	16	11	11	17	8	14	9	15	8	12	6	6	77	558-1	262	3740	4141	4765
≥.01	23	16	11	8	7	10	11	8	10	7	12	5	9	5	8	76	1032-1	218	3789	4267	4790

HOURS DURATION OF EVENTS

18 — 45.6N 144.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1	1															12-1	2	3	3	4545
≥.14	5	3															12-3	8	11	11	4545
≥.13	9	7	2		1	1	1										42-1	21	47	47	4545
≥.12	22	18	7	13		1		1				1					72-1	63	157	157	4545
≥.11	41	29	20	24	15	16	3	3	2	3	2			1			84-1	159	555	556	4545
≥.10	56	42	24	23	21	17	20	9	12	7	6	7	1	4	2	9	210-1	260	1320	1336	[illegible]
≥.08	19	26	13	13	10	13	12	8	8	7	3	6	6	4	3	70	504-1	221	3020	[illegible]	[illegible]
≥.06	17	11	13	10	7	11	10	7	11	3	3	3	3	4	5	69	780-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	10	3	9	11	6	8	4	5	3	6	5	3	2	3	5	67	1200-1	148	[illegible]	[illegible]	[illegible]
≥.04	7	2	5	6	7	4	6	6	1	1	6	2	2	2	2	56	[illegible]	115	4001	[illegible]	[illegible]
≥.03	9	5	3	2	5	2	3	4	1		2	2		3		50	SEA-1	91	[illegible]	[illegible]	[illegible]
≥.02	4	4		1	1		2		1			1				31	SEA-2	45	[illegible]	[illegible]	[illegible]
≥.01	1			1			1		1					1		14	SEA-5	19	3026	[illegible]	5377

HOURS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4545
≥.14	7	1															12-1	8	9	9	4545
≥.13	13	12	2	1	1	1											36-1	30	58	58	4545
≥.12	18	16	14	9	3	1	1	2									48-2	64	172	172	4551
≥.11	48	28	21	19	15	11	6	2	2		2	1		1		1	114-1	158	520	535	4561
≥.10	55	45	38	31	31	18	10	11	12	7	4	3	2	2	2	6	228-1	271	1284	1298	4562
≥.08	44	22	25	18	15	12	16	10	14	5	9	5	1	3	7	63	420-1	289	2877	3217	4637
≥.06	23	14	15	7	13	9	4	7	8	3	3	3	7	5	1	81	510-1	203	3620	4091	4790
≥.05	19	14	7	8	6	9	6	5	4	1	4	3	2	5	1	79	876-1	173	3746	4320	4792
≥.04	7	2	7	5	3	8	4	5	4	3	2		1	2	4	69	876-1	126	3524	4587	4912
≥.03	4	2	5	2	6	1	2	3	3	3	1	1		2	3	52	1272-1	90	3323	4967	5053
≥.02	4		1	2	1	1			1			1				32	2064-1	43	3612	5231	5128
≥.01																10	SEA-5	10	2598	5167	5182

HOURS DURATION OF EVENTS

21 — 43.7N 128.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	3	1															12-1	4	5	5	4545
≥.13	11	3	1	2													24-2	17	[illegible]	[illegible]	4545
≥.12	12	15	6	3		1	1		1								54-1	[illegible]	[illegible]	[illegible]	4545
≥.11	23	20	16	12	9	3	4		2	1	1						66-1	[illegible]	[illegible]	[illegible]	4545
≥.10	36	24	20	13	13	12	7	8	8	3	5	1	1	1	1	[illegible]	[illegible]	[illegible]	722	723	[illegible]
≥.08	31	23	16	27	16	11	11	13	10	11	6	12	6	6	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	20	20	19	[illegible]	[illegible]	16	9	7	5	6	6	[illegible]	4	5	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	15	16	15	[illegible]	6	6	5	4	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	9	12	[illegible]	6	5	7	6	[illegible]	2	[illegible]	[illegible]	[illegible]	6	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	2	6	5	[illegible]	2	5	[illegible]	4	[illegible]	[illegible]			[illegible]	[illegible]	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	2		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SEA-[illegible]	40	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

WAVE SLOPE (α) DURATIONS (Cont'd)

22 — 42.8N 167.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	2	4															12-4	6	10	10	4545
≥.13	9	7	2	3													24-3	21	41	42	4545
≥.12	20	13	4	8	4	3											36-3	52	128	134	4545
≥.11	43	22	16	15	10	3	7	2	2	2	1					1	126-1	124	398	408	4545
≥.10	62	34	27	26	18	9	15	5	6	7	9	4		2	1	7	156-1	232	1075	1103	4546
≥.08	36	30	27	15	23	18	15	16	13	8	10	12	6	8	5	48	696-1	290	2844	3032	4638
≥.06	14	13	13	19	10	11	12	15	12	8	7	7	2	4	5	72	1170-1	224	3580	3891	4704
≥.05	17	6	3	11	8	14	11	13	5	9	9	5	3	3	3	81	1176-1	201	3897	4245	4820
≥.04	13	8	3	4	4	9	7	6	6	3	5	5	3	4	5	77	1182-1	162	3924	4544	4955
≥.03	11	6	2	2	4	4	1	2	3	4	2	1	3	2	2	63	1998-1	112	3933	5035	5274
≥.02	7	1	3	2		2				2	1			1		36	SEA-2	55	3500	5017	5127
≥.01		2	1								1					12	SEA-6	16	2835	4997	5025

HOURS DURATION OF EVENTS

23 — 42.4N 172.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	2	1	1														18-1	4	7	7	4545
≥.14	11	1	3														18-3	15	22	22	4545
≥.13	10	8	4	4													24-4	26	54	54	4545
≥.12	39	23	6	4	4	1		1				1					72-1	79	165	165	4545
≥.11	45	36	32	16	10	4	3	1	2	4		2				1	144-1	156	486	496	4549
≥.10	73	55	38	31	21	19	10	8	4	5	4	2	4	3	1	5	150-1	283	1144	1162	4553
≥.08	31	35	37	30	26	22	19	16	12	17	8	10	6	2	6	49	276-1	326	2857	2979	4595
≥.06	32	17	21	14	18	14	23	9	6	17	3	15	6	8	8	74	624-1	285	3546	3835	4734
≥.05	24	11	17	16	10	12	12	12	4	9	4	7	3	7	10	81	720-1	239	3712	4193	4781
≥.04	9	9	8	11	7	10	10	5	7	7	4	6	3	7	4	70	1368-1	177	3979	4583	4985
≥.03	8	3	5	5	2	6	3	3	6	3	4	2	1	2	4	63	1704-1	120	4401	5134	5395
≥.02	8	3	1			2	1		2	3	1	3	1	2	1	31	SEA-5	59	4187	5669	5789
≥.01						1										12	SEA-6	13	2808	5421	5445

HOURS DURATION OF EVENTS

25 — 40.2N 131.2E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4544
≥.14																					4544
≥.13																					4544
≥.12	2																6-2	2	2	2	4544
≥.11	3	2	2	1													24-1	8	17	17	4544
≥.10	21	4	7	1				1			1						66-1	35	73	73	4544
≥.08	61	44	43	18	13	8	4	5	5	3	1	2		2	1	3	174-1	213	749	759	4563
≥.06	68	42	41	27	23	23	24	16	10	11	4	6	5	6	3	17	366-1	326	1845	1903	4625
≥.05	64	51	28	27	27	26	28	21	13	12	10	5	2	7	6	30	384-1	357	2329	2451	4643
≥.04	71	56	36	25	25	21	26	23	17	15	10	12	5	5	7	37	414-1	391	2696	2827	4673
≥.03	70	51	39	24	26	12	29	16	18	16	8	14	9	3	9	45	420-1	389	2890	3034	4649
≥.02	63	38	34	23	21	16	18	20	14	12	13	10	10	1	10	59	420-1	362	3140	3363	4670
≥.01	50	31	23	15	15	5	9	11	13	11	6	6	7	4	4	73	738-1	283	3386	3726	4766

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13	2	1															12-1	3	4	4	4545
≥.12	13	7	4														18-4	24	39	39	4545
≥.11	21	16	13	4	3	2											36-2	59	135	137	4545
≥.10	55	33	28	17	14	10	5	4	1		1						66-1	168	490	499	4545
≥.08	60	58	47	46	28	20	20	24	11	7	17	8	7	4	1	11	144-1	369	1920	1961	4581
≥.06	48	39	46	39	36	32	18	20	19	20	9	7	12	4	4	50	312-1	403	3008	3093	4648
≥.05	38	29	30	30	28	24	25	15	16	10	16	7	13	10	4	64	498-1	359	3394	3557	4697
≥.04	38	28	21	24	18	19	14	20	14	13	11	11	10	15	6	70	906-1	332	3681	3953	4773
≥.03	25	16	13	10	14	12	10	9	12	8	7	5	12	5	3	88	1302-1	249	4075	4371	4938
≥.02	22	8	5	4	5	8	3	2	4	1	5	6	2	4	5	71	SEA-1	155	4485	5193	5503
≥.01	5		1		1		3		1		1	1	1		1	27	SEA-5	42	3607	5430	5511

HOURS DURATION OF EVENTS

28 — 36.1N 123.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12			1														18-1	1	3	3	4545
≥.11	5	2	1		1												30-1	9	17	17	4545
≥.10	17	10	10	5	1	1	2	1									48-1	47	120	120	4545
≥.08	60	20	34	22	11	12	8	15	4	6	6	5	2	4	2	3	144-1	214	990	995	4550
≥.06	70	31	28	16	19	16	16	8	15	17	8	12	5	5	5	32	264-1	303	2116	2173	4572
≥.05	90	31	30	23	7	24	14	10	13	17	9	11	4	8	7	47	324-1	345	2582	2679	4585
≥.04	92	38	19	25	13	15	12	12	8	11	10	14	7	6	6	62	390-1	350	3021	3137	4644
≥.03	76	35	26	12	6	8	13	10	9	9	8	6	10	6	5	72	516-1	311	3314	3472	4661
≥.02	47	22	14	14	8	11	4	9	9	5	4	3	9	4	6	71	792-1	240	3694	3978	4807
≥.01	27	18	7	4	3	2	3	2	3	2	2	7	3	1	3	58	1674-1	145	3753	4532	5002

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14		1															12-1	1	2	2	4545
≥.13	1	3															12-3	4	7	7	4545
≥.12	3	1	3	3													24-3	10	26	30	4545
≥.11	19	8	7	4	2	2											36-2	42	94	98	4545
≥.10	37	39	16	18	15	3	1	3	4	1						1	96-1	138	421	428	4545
≥.08	70	37	33	29	28	14	13	7	11	12	6	9	3	6	1	28	282-1	307	1927	2257	4813
≥.06	36	34	31	19	23	21	23	18	11	8	7	4	7	7	8	51	348-2	308	2863	3390	4828
≥.05	40	24	23	17	22	13	21	14	13	10	8	9	6	8	7	61	378-1	296	3196	3615	4653
≥.04	43	18	18	12	15	18	15	9	7	14	9	5	6	5	6	68	696-1	268	3362	3955	4703
≥.03	25	17	13	11	8	10	10	3	2	7	5	6	6	4	5	71	2130-1	203	3761	4574	5059
≥.02	17	6	8	6	6	5	1	3	2	4	1	2	5	1	1	56	SEA-2	124	4406	5688	5937
≥.01	6	1		2		1						1				26	SEA-6	37	3909	5590	5646

HOURS DURATION OF EVENTS

31 — 35.6N 155.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4544
≥.14																					4544
≥.13	4																6-4	4	4	4	4544
≥.12	14	4	3														18-3	21	31	31	4544
≥.11	17	9	11	6	4	2	2	1				1					72-1	53	158	162	4554
≥.10	41	31	15	9	11	6	6		2	3	2		1	1	1	3	114-1	132	480	488	4554
≥.08	50	26	16	27	19	21	10	14	7	8	5	8	2	4	2	28	396-1	247	1871	2022	4626
≥.06	39	22	24	22	24	17	21	14	12	4	10	5	8	4	4	49	792-1	279	2771	3096	4657
≥.05	42	30	17	21	14	14	18	21	13	4	7	7	5	8	4	61	798-1	286	3057	3500	4661
≥.04	43	28	19	17	7	11	9	12	8	13	6	4	4	5	3	69	810-1	258	3262	3809	4668
≥.03	32	9	16	15	7	7	7	8	5	7	6	4	3	2	6	67	882-1	201	3411	4130	4728
≥.02	21	8	7	8	5	1	6	4	2	1	1		3	1		65	SEA-1	133	4106	5104	5463
≥.01	7	1	1	1	3		1	1	2	1	1		1			22	SEA-4	42	3696	5215	5318

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	1																6-1	1	1	1	4545
≥.13		1															12-1	1	2	2	4545
≥.12	8	2	1														18-1	11	15	15	4545
≥.11	9	6	6	1	2	1		1									48-1	26	67	67	4545
≥.10	30	14	16	11	6	4	4				3					1	108-1	89	283	284	4545
≥.08	42	31	33	31	11	12	9	8	6	6	7	4	11	3	3	19	342-1	236	1518	1573	4558
≥.06	36	18	18	26	17	16	16	10	8	12	3	2	7	7	5	54	720-1	255	2595	2759	4582
≥.05	30	17	19	13	19	17	14	8	7	11	7	3	5	4	6	64	816-1	244	2941	3190	4608
≥.04	46	18	19	11	11	11	20	4	9	10	10	1	4	3	5	73	1038-1	255	3326	3607	4696
≥.03	41	17	22	11	6	7	10	5	6	5	4	5	3	6	2	71	1398-1	221	3423	3960	4757
≥.02	36	11	8	10	8	7	4	6	4	4	3	4	3	1	4	61	1764-1	174	3645	4508	5017
≥.01	18	4	8	6	3	4	2	1		1	1	1	1		1	38	SEA-2	89	4112	5650	5882

HOURS DURATION OF EVENTS

34 — 34.2N 155.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13	1																6-1	1	1	1	4545
≥.12		1		1													24-1	2	6	6	4545
≥.11	3	2		1				1									48-1	7	19	19	4545
≥.10	26	15	8	5	5		1				1						66-1	61	143	144	4545
≥.08	58	46	41	31	33	10	18	10	6	4	4	5	2	3	1	9	156-1	281	1282	1314	4575
≥.06	76	43	38	29	26	26	25	23	13	9	10	9	5	7	8	32	210-2	379	2451	2528	4629
≥.05	53	32	44	36	30	23	25	22	24	9	12	13	4	5	4	55	294-1	391	3000	3093	4668
≥.04	62	27	38	26	28	21	19	19	19	13	11	11	10	10	4	63	456-1	382	3414	3546	4740
≥.03	42	32	25	22	17	16	11	10	13	11	10	12	7	11	5	76	522-1	320	3639	3903	4737
≥.02	22	16	13	8	8	10	7	6	5	9	4	8	8	2	9	78	1872-1	213	4061	4629	5129
≥.01	8	3	2	2	3	2	2	1				2	2		1	48	SEA-3	76	4474	5831	6004

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14		1															12-1	1	2	2	4545
≥.13	1			1													24-1	2	5	5	4545
≥.12	1					1											36-1	2	7	7	4545
≥.11	5	3	1		1	1			1								54-1	12	34	34	4545
≥.10	38	18	11	5	6					2		1					72-1	81	169	169	4545
≥.08	53	47	45	34	24	17	10	15	21	7	9	2	3	5	4	7	150-1	303	1515	1536	4578
≥.06	60	39	34	44	32	21	17	17	17	10	8	15	7	8	4	42	210-1	375	2651	2773	4589
≥.05	69	35	37	27	27	26	20	16	13	14	11	10	16	4	12	53	342-1	371	3163	3329	4647
≥.04	38	36	25	16	20	22	15	16	15	16	6	7	9	10	11	68	558-1	330	3428	3703	4666
≥.03	26	19	14	14	8	12	7	14	15	12	5	9	9	12	6	77	666-1	259	3517	4029	4689
≥.02	16	10	10	6	3	4	4	4	7	6	5	2	5	4	3	79	1644-1	168	4231	4827	5202
≥.01	5	5	1	1	1	1	3	3	2		2		1		1	33	SEA-5	59	4277	5850	5964

HOURS DURATION OF EVENTS

37 — 32.9N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4543
≥.14																					4543
≥.13																					4543
≥.12																					4543
≥.11																					4543
≥.10	[illegible]																12-1	3	4	4	4543
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	2																6-2	2	2	2	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

40 — 29.6N 165.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

23 — 42.4N 172.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	2	1	1														18-1	4	7	7	4545
≥.14	11	1	3														18-3	15	22	22	4545
≥.13	10	8	4	4													24-4	26	54	54	4545
≥.12	39	23	6	4	4	1		1				1					72-1	79	165	165	4545
≥.11	45	36	32	16	10	4	3	1	2	4		2				1	144-1	156	486	496	4549
≥.10	73	55	38	31	21	19	10	8	4	5	4	2	4	3	1	5	150-1	283	1144	1162	4553
≥.08	31	35	37	30	26	22	19	16	12	17	8	10	6	2	6	49	276-1	326	2857	2979	4595
≥.06	32	17	21	14	18	14	23	9	6	17	3	15	6	8	8	74	624-1	285	3546	3835	4734
≥.05	24	11	17	16	10	12	12	12	4	9	4	7	3	7	10	81	720-1	239	3712	4193	4781
≥.04	9	9	8	11	7	10	10	5	7	7	4	6	3	7	4	70	1368-1	177	3979	4583	4985
≥.03	8	3	5	5	2	6	3	3	6	3	4	2	1	2	4	63	1704-1	120	4401	5134	5395
≥.02	8	3	1			2	1		2	3	1	3	1	2	1	31	SEA-5	59	4187	5669	5789
≥.01						1										12	SEA-6	13	2808	5421	5445

HOURS DURATION OF EVENTS

24 — 41.0N 134.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4545
≥.14	1	1															12-1	2	3	3	4545
≥.13	3	2	1														18-1	6	10	10	4545
≥.12	13	10	3	2	2												42-1	31	67	67	4545
≥.11	27	12	12	6	4	1		4	2	1							60-1	75	234	234	4545
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	144-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	972-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	972-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1014-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1578-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33	SEA-3	64	[illegible]	[illegible]	5419

HOURS DURATION OF EVENTS

26 — 39.5N 153.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13	2	1															12-1	3	4	4	4545
≥.12	13	7	4														18-4	24	39	39	4545
≥.11	21	16	13	4	3	2											36-2	59	135	137	4545
≥.10	55	33	28	17	14	10	5	4	1		1						66-1	168	490	499	4545
≥.08	60	58	47	46	28	20	20	24	11	7	17	8	7	4	1	11	144-1	369	1920	1961	4581
≥.06	48	39	46	39	36	32	18	20	19	20	9	7	12	4	4	50	312-1	403	3008	3093	4648
≥.05	38	29	30	30	28	24	25	15	16	10	16	7	13	10	4	64	498-1	359	3394	3557	4697
≥.04	38	28	21	24	18	19	14	20	14	13	11	11	10	15	6	70	906-1	332	3681	3953	4773
≥.03	25	16	13	10	14	12	10	9	12	8	7	5	12	5	3	88	1302-1	249	4075	4371	4938
≥.02	22	8	5	4	5	8	3	2	4	1	5	6	2	4	5	71	SEA-1	155	4485	5193	5503
≥.01	5		1		1		3		1		1	1	1		1	27	SEA-5	42	3607	5430	5511

HOURS DURATION OF EVENTS

27 — 36.2N 127.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12	2	1	1														18-1	4	7	7	4545
≥.11	6	3	7	1				1									42-1	18	44	44	4545
≥.10	15	10	11	4	2	3				1	4	1					66-1	51	172	179	4545
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	198-1	218	1256	1278	4564
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43	360-1	277	2437	2555	4607
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64	480-1	250	2872	3084	4676
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72	576-1	246	3216	3425	4718
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72	708-1	223	3460	3743	4733
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	726-1	183	3641	4095	4788
≥.01	18	4	4	2		1	2			1	2	3	2	1	1	53	SEA-1	94	4029	4950	5267

HOURS DURATION OF EVENTS

29 — 35.9N 171.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14		1															12-1	1	2	2	4545
≥.13	1	3															12-3	4	7	7	4545
≥.12	3	1	3	3													24-3	10	26	30	4545
≥.11	19	8	7	4	2	2											36-2	42	94	98	4545
≥.10	37	39	16	18	15	3	1	3	4	1						1	96-1	138	421	428	4545
≥.08	70	37	33	29	28	14	13	7	11	12	6	9	3	6	1	28	282-1	307	1927	2257	4813
≥.06	36	34	31	19	23	21	23	18	11	8	7	4	7	7	8	51	348-2	308	2863	3390	4828
≥.05	40	24	23	17	22	13	21	14	13	10	8	9	6	8	7	61	378-1	296	3196	3615	4653
≥.04	43	18	18	12	15	18	15	9	7	14	9	5	6	5	6	68	696-1	268	3362	3955	4703
≥.03	25	17	13	11	8	10	10	3	2	7	5	6	6	4	5	71	2130-1	203	3761	4574	5059
≥.02	17	6	8	6	6	5	1	3	2	4	1	2	5	1	1	56	SEA-2	124	4406	5688	5937
≥.01	6	1		2		1						1				26	SEA-6	37	3909	5590	5646

HOURS DURATION OF EVENTS

30 — 35.7N 176.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	1																6-1	1	1	1	4545
≥.13	1		1														18-1	4	6	6	4545
≥.12	6	4	1														30-1	12	26	26	4545
≥.11	21	7	4	2	3	2											36-2	39	85	85	4545
≥.10	44	29	16	17	9	5	4	3	1	1						1	90-1	133	409	409	4547
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17	240-1	283	1736	1811	4588
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45	300-1	354	2809	3251	4670
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59	366-1	356	3207	3684	4677
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70	498-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74	912-1	245	[illegible]	[illegible]	[illegible]
≥.02	9	5	5	13	5	8	5	4	6	1		2	3	7	4	65	1962-1	142	3870	4882	5220
≥.01	2	2	1	4	1		2		1	1	1	1			3	26	SEA-5	45	3293	5560	5659

HOURS DURATION OF EVENTS

32 — 35.4N 142.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	1																6-1	1	1	1	4545
≥.13		1															12-1	1	2	2	4545
≥.12	8	2	1														18-1	11	15	15	4545
≥.11	9	6	6	1	2	1		1									48-1	26	67	67	4545
≥.10	30	14	16	11	6	4	4				3					1	108-1	89	283	284	4545
≥.08	42	31	33	31	1	12	9	8	6	6	7	4	11	3	3	19	342-1	236	1518	1573	4558
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1398-1	221	[illegible]	[illegible]	4757
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1764-1	174	[illegible]	[illegible]	5017
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	38	SEA-2	89	4112	5650	5882

HOURS DURATION OF EVENTS

33 — 34.6N 145.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12	2	1															12-1	3	4	4	4545
≥.11	4	2	1														24-1	8	15	15	4545
≥.10	25	12	6	2	2	1	1	1									54-1	50	107	107	4545
≥.08	75	49	49	24	22	9	14	5	7	4	4	2	1	1	2	4	204-1	272	1029	1031	4553
≥.06	62	58	41	44	35	34	14	13	14	18	6	4	7	4	3	24	222-1	381	2189	2233	4578
≥.05	60	42	42	38	41	26	32	13	13	19	14	5	9	6	7	34	228-1	401	2697	2765	4605
≥.04	70	49	44	35	34	20	29	18	14	12	13	10	8	3	10	52	282-1	421	3083	3179	4610
≥.03	60	37	35	25	26	12	23	16	19	13	7	14	6	6	7	66	474-1	372	3409	3597	4646
≥.02	38	22	17	20	18	12	10	12	11	8	7	8	11	4	7	77	786-1	282	3766	4122	4798
≥.01	18	8	6	9	5	1		1			4	2	1	3	1	71	SEA-1	130	4291	5279	5565

HOURS DURATION OF EVENTS

35 — 34.2N 163.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12-1	[illegible]	[illegible]	[illegible]	4545
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24-1	[illegible]	[illegible]	[illegible]	4545
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36-1	[illegible]	[illegible]	[illegible]	4545
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54-1	12	34	34	4545
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72-1	[illegible]	[illegible]	[illegible]	4545
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	150-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

36 — 33.7N 123.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12	1																6-1	1	1	1	4545
≥.11		2															12-2	2	4	4	4545
≥.10	13	8	6	3	1												30-1	31	64	64	4545
≥.08	47	28	22	24	14	10	18	6	5	3	3		1	1		2	180-1	184	751	756	4567
≥.06	67	26	33	22	26	25	15	14	8	10	11	8	9	7	5	27	312-1	313	2107	2171	4609
≥.05	55	26	30	21	15	28	18	15	14	10	6	8	8	10	7	43	354-1	314	2599	2687	4631
≥.04	58	30	34	15	22	19	23	10	11	12	8	10	6	9	12	54	372-1	333	2916	3062	4634
≥.03	39	32	21	22	19	20	16	20	12	5	10	11	6	9	8	65	420-1	315	3151	3323	4646
≥.02	40	26	23	15	8	20	15	17	14	6	9	10	7	10	7	70	468-1	297	3519	3621	4671
≥.01	29	16	22	9	7	8	5	13	7	4	5	1	4	13	4	85	1122-1	232	3640	3936	4739

HOURS DURATION OF EVENTS

38 — 31.5N 127.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	2																6-2	2	2	2	4545
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4545
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74	1482-1	153	4094	4523	5045

HOURS DURATION OF EVENTS

39 — 29.9N 177.3W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12	3	1		1													24-1	5	9	9	4545
≥.11	4	2	2	1	1					1							60-1	11	[illegible]	[illegible]	4545
≥.10	12	6	1	6	2	2	3	1		1		1			1		90-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	42	20	25	15	11	11	14	14	9	7	1	5	1	2	4	10	252-1	[illegible]	[illegible]	[illegible]	4549
≥.06	41	28	36	21	15	22	16	12	10	13	6	10	2	6	8	35	912-1	281	[illegible]	[illegible]	[illegible]
≥.05	65	30	24	25	18	15	12	16	8	8	12	10	7	6	7	44	1248-1	307	[illegible]	[illegible]	[illegible]
≥.04	73	33	25	18	17	13	12	19	12	10	11	3	10	15	4	66	[illegible]	323	2757	[illegible]	[illegible]
≥.03	66	26	20	15	12	9	12	7	13	9	8	4	[illegible]	13	5	56	[illegible]	278	[illegible]	[illegible]	[illegible]
≥.02	49	17	13	11	8	7	6	6	9	7	4	5	2	3	5	62	1014-1	214	[illegible]	[illegible]	[illegible]
≥.01	26	7	5	6	3	3	3	3	1	2	2		2	1	2	46	SEA-1	112	[illegible]	5099	[illegible]

HOURS DURATION OF EVENTS

41 — 29.4N 134.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12	2																6-2	2	2	2	4545
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4545
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64	[illegible]	174	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

42 — 28.6N 139.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10	6	3			1												30-1	10	17	17	4545
≥.08	49	15	19	5	6	[illegible]	[illegible]	2	[illegible]	4			2		2	6	[illegible]	121	490	490	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	19	[illegible]	10	[illegible]	[illegible]	4	[illegible]	7	6	[illegible]	2	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	77	[illegible]	27	22	17	15	16	11	7	[illegible]	[illegible]	4	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	70	[illegible]	[illegible]	22	[illegible]	[illegible]	10	16	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	90	32	12	17	17	[illegible]	10	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	13	[illegible]	9	[illegible]	10	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	25	12	9	3	2	4	5		5	[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

2

FALL WAVE SLOPE (α) D

43 — 28.2N 125.9E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12	1	1															12-1	2	3	3	4545
≥.11	9	4			1												30-1	14	22	22	4545
≥.10	18	9	9	7	3	2	2	4	2	1	2						66-2	59	214	214	4545
≥.08	71	17	19	14	12	11	21	6	6	11	10	1	2	3	3	27	240-1	234	1524	1568	4582
≥.06	52	22	18	11	18	10	10	7	9	3	9	6	5	1	5	62	456-1	248	2977	3189	4722
≥.05	62	14	14	8	11	9	10	12	8	8	8	3	5	3	5	65	750-1	245	3377	3679	4826
≥.04	42	9	15	19	14	8	8	8	8	6	5	6	6	6	2	65	762-1	227	3662	4110	4966
≥.03	34	11	6	11	8	11	6	6	7	5	8	3	5	5	3	64	768-1	193	3809	4408	5078
≥.02	28	11	9	6	6	5	4	6	9	2	4	1	1	4		66	810-1	162	3920	4693	5176
≥.01	21	10	6	7	1	5	2	3	5	5	3		1	5	1	46	SEA-1	121	3852	5082	5428

HOURS DURATION OF EVENTS

44 — 27.9N 150.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10	4	3	2	1	1												30-1	11	25	25	4545
≥.08	44	19	13	10	10	5	4	6	5	3	3		3	1	1	2	114-1	129	530	547	4555
≥.06	74	41	27	27	20	21	18	10	10	8	9	6	3	7	2	14	192-1	297	1579	1641	4561
≥.05	88	31	42	23	21	19	24	15	7	12	14	13	6	3	9	21	192-1	348	2067	2150	4563
≥.04	99	46	45	24	29	14	16	16	14	11	7	8	13	3	11	40	240-1	396	2524	2630	4581
≥.03	90	41	36	24	19	20	14	13	14	10	11	9	10	5	6	57	390-1	379	2897	3084	4612
≥.02	70	23	21	16	18	8	17	15	10	10	9	6	10	5	6	66	396-1	310	3239	3609	4630
≥.01	27	7	13	10		2	4	2	3	5	2	3			1	3	64	1446-1	146	4204	4785	5137

HOURS DURATION OF EVENTS

46 — 26.1N 170.8E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	1																6-1	1	1	1	4545
≥.10	5	1	2								1						66-1	9	24	24	4545
≥.08	38	19	9	6	12	4	4	6	3	3	3	1	3	2	2	5	162-1	120	595	636	4546
≥.06	57	48	26	21	15	14	14	11	8	6	3	6	7	1	1	28	420-1	266	1757	1839	4563
≥.05	77	41	32	25	22	19	14	9	11	4	7	2	6	7	1	38	492-1	315	2221	2334	4564
≥.04	80	47	23	14	26	20	17	13	13	9	8	7	3	4	4	46	492-1	334	2660	2798	4567
≥.03	74	24	21	11	10	15	23	13	11	13	5	8	4	4	3	55	630-1	294	3036	3242	4633
≥.02	65	15	11	7	9	10	7	16	11	8	9	5	4	3	3	65	936-1	248	3429	3745	4708
≥.01	16	7	3	3	3	2	2	3	1	5	3	1	3	3	5	58	1134-1	118	3994	4557	4931

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10																					4545
≥.08	31	8	5	7	1	3	2	1									48-1	58	135	138	4552
≥.06	125	42	35	18	16	17	15	13	7	8	8	2	2	2	8	12	336-1	330	1489	1518	4642
≥.05	117	50	26	24	32	15	11	21	12	8	10	3	5	5	3	30	384-1	372	2131	2213	4668
≥.04	109	57	30	24	20	13	19	13	11	10	9	5	7	12	5	45	390-1	389	2700	2812	4712
≥.03	88	45	31	24	15	13	14	14	7	8	8	7	6	7	2	62	582-1	351	3074	3294	4743
≥.02	58	36	17	12	8	14	7	10	2	5	8	4	9	3	4	69	996-1	266	3514	3862	4835
≥.01	31	17	6	5	6	7	2	2	3	4	4	1	3	4	1	55	1332-1	151	3791	4453	5042

HOURS DURATION OF EVENTS

49 — 22.6N 128.0E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13	1		1														18-1	2	4	4	4545
≥.12	3		1														18-1	4	6	6	4545
≥.11	6	2		1	1				1		1						66-1	12	39	39	4545
≥.10	40	11	10	5	4	3	2	1		1		1	1	2			84-2	81	235	240	4545
≥.08	64	23	17	10	12	8	12	6	3	9	13	7	4	3	8	38	318-1	237	1923	2021	4567
≥.06	25	22	9	6	6	3	6	5	6	3	5	3	5	7	4	62	648-1	177	2920	3376	4640
≥.05	48	24	9	1	7	3	4	1	4	3	5	5	2	3	4	68	654-1	191	3219	3723	4671
≥.04	37	21	9	1	4	4	1	2		3		4	4	4	3	67	792-1	164	3493	4102	4812
≥.03	24	14	8	4	3	3	2	2	2	2	1	2		3	3	47	1530-1	120	3564	4572	5068
≥.02	13	7	5	5	1	2	1	1	1	3			1			32	SEA-1	72	3141	5143	5429
≥.01	5	3		2	1				2		1				2	16	SEA-4	32	2434	4894	4972

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10	3																6-3	3	3	3	4545
≥.08	68	22	11	8	8	11	4	3	3	2			1		1	1	96-1	145	449	453	4546
≥.06	88	36	16	21	16	9	12	7	8	4	11	4	9	3	2	32	432-1	278	2011	2066	4583
≥.05	123	38	25	13	15	11	12	10	4	9	5	3	7	3	5	43	516-1	326	2507	2594	4595
≥.04	96	32	37	14	15	15	10	10	3	6	6	3	10	7	3	52	540-1	319	2976	3072	4624
≥.03	102	23	25	17	11	7	18	7	5	9	3	6	6	7	5	61	546-1	312	3326	3432	4659
≥.02	79	15	16	14	5	10	11	5	7	4	6	3	1	2	5	70	792-1	253	3649	3850	4705
≥.01	45	11	6	2	5	3	1	3	2	2	3	2		1	2	56	1572-1	144	4039	4628	5098

HOURS DURATION OF EVENTS

52 — 19.2N 127.8W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10	7	1	1				1										42-1	10	19	19	4545
≥.08	84	19	12	8	13	5	3	3	3	2	3	3	1	2	3	6	312-1	170	678	697	4608
≥.06	113	48	36	23	19	7	5	10	12	9	8	4	8	6	2	59	528-1	369	3016	3115	4692
≥.05	73	23	28	23	14	7	6	10	7	3	10	7	7	5	5	69	954-1	297	3600	3882	4903
≥.04	52	20	15	9	6	8	10	9	5	7	1	6	5	3	7	73	1086-1	236	3863	4397	5072
≥.03	42	18	11	3	5	4	5	5	2		6	1	1	5	3	65	1674-1	176	4169	4829	5265
≥.02	32	8	5	2	4	1	1	2	2	2	4	1	2	1		50	SEA-1	117	3841	4833	5082
≥.01	9	1	2				1									24	SEA-4	37	3395	5135	5192

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4545
≥.14	1	2															12-2	3	5	5	4545
≥.13	7	3	1	2	1												30-1	14	29	29	4545
≥.12	10	10	1	2	2	1	3										42-3	29	78	78	4545
≥.11	33	12	12	4	4	4	1		2	1	1	2	1				78-1	77	236	237	4545
≥.10	75	26	10	7	7	4	6	10	9	7	5	3	2	3	2	4	252-1	180	804	810	4548
≥.08	68	23	18	13	8	7	8	5	7	7	4	5	4	5	3	54	774-1	239	2599	2947	4658
≥.06	41	17	12	6	8	6	4	6	4	1	1	5	3	1	6	63	1062-1	184	3532	4079	4887
≥.05	37	16	13	7	5	3	6	2	4	1	2	1	3	1	2	60	1158-1	163	3645	4389	4965
≥.04	44	6	8	7	3	3	2	3	1	3	1		3		1	45	1914-1	130	3535	4732	5170
≥.03	27	11	4	7	2	3	1	1	1	2	1	1				33	SEA-1	94	3302	5061	5372
≥.02	16	5	3	6	[illegible]	1	1	1		2	2					21	SEA-3	59	2734	4864	5057
≥.01	5	4			1		1				1		1			11	SEA-4	24	2258	4903	4985

HOURS DURATION OF EVENTS

55 — 17.6N 136.5E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14	1																6-1	1	1	1	4545
≥.13					1												30-1	1	5	5	4545
≥.12	1	2						1									48-1	4	13	13	4545
≥.11	11	4	3		1					1							60-1	20	43	43	4545
≥.10	13	1	6	3	3	6	2	3	2		1	2				1	108-1	43	205	206	4545
≥.08	70	21	15	6	10	10	14	9	6	6	5	2	1	7	3	27	390-1	212	1477	1560	4574
≥.06	56	31	23	9	9	7	12	11	5	2	6	4	5	5	5	58	822-1	248	2825	3036	4730
≥.05	65	29	9	11	13	3	6	5	6	3	4	2	5	2	5	68	1008-1	236	3175	3520	4809
≥.04	62	25	13	7	10	5	10	4	3	1	2	2	4	4	2	65	1008-1	219	3461	4085	5075
≥.03	49	25	15	8	4	4	3	2	5	1	2			2		56	1656-1	176	3758	4622	5308
≥.02	32	11	10	6	4	1	1	2	6	3	3	2	1	1		35	SEA-1	118	3343	4907	5132
≥.01	16	2	3			2	1		2	1	2	1	1			20	SEA-4	51	3027	5069	5220

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	1																6-1	1	1	1	4545
≥.10		1															12-1	1	2	2	4545
≥.08	28	8	7	1	3	2	2	2			1		1				78-1	55	150	150	4546
≥.06	111	63	39	17	14	16	6	11	5	3	3	3	1			6	264-1	298	1008	1041	4560
≥.05	168	73	44	25	18	12	17	11	8	5	7	2	4		3	17	264-1	414	1632	1695	4628
≥.04	197	100	67	25	21	15	20	8	9	6	10	6	6	3	4	24	270-2	521	2210	2291	4678
≥.03	156	82	68	24	22	21	19	10	10	6	6	10	4	8	5	37	414-1	488	2693	2830	4743
≥.02	135	57	52	24	23	11	11	9	9	6	7	12	3	5	4	61	462-1	429	3232	3409	4823
≥.01	65	42	25	11	7	6	7	2	6	4	3	7	3	2	4	71	1128-1	265	3779	4200	5018

HOURS DURATION OF EVENTS

58 — 14.5N 127.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4541
≥.14																					4541
≥.13	2																6-2	2	2	2	4541
≥.12	4	1															12-1	5	6	6	4541
≥.11	3	4			2												30-2	9	21	21	4541
≥.10	15	5	2	4	3	3	1		1	1	3						66-3	38	139	139	4541
≥.08	49	22	14	10	7	8	13	1	5	2	6	4	5	3	5	26	300-1	180	1339	1426	4594
≥.06	88	39	22	7	6	5	9	8	6	2	5	6	2	3	2	48	774-1	258	2403	2653	4703
≥.05	97	31	22	9	14	8	7	7	2	3	4	1	3	5	1	52	906-1	266	2492	3207	4786
≥.04	98	36	18	12	13	9	7	6	3	2	4	4	2	3	5	46	918-1	268	2698	3452	4724
≥.03	74	23	11	14	9	4	7	3	4	7	2	3	1		2	43	2022-1	207	3329	4184	5105
≥.02	42	14	9	5	4	2	7	2		1	3	1	1	1		42	SEA-1	134	3265	4620	5175
≥.01	9	2	3		2	2		1		2					1	17	SEA-3	40	2720	4919	5044

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	1																6-1	1	1	1	4545
≥.10	1																6-1	1	1	4	4545
≥.08	73	28	17	13	6	7	7	7	3	1	2		1			6	246-1	171	640	645	4587
≥.06	73	35	36	12	12	14	10	7	10	5	9	4	1	3	5	40	690-1	276	2391	2530	4661
≥.05	109	27	48	12	10	12	11	6	9	3	10	2	4	1	3	48	870-1	315	2788	3081	4655
≥.04	113	33	30	6	13	9	14	3	9	5	7	4	7	4	3	54	924-1	314	3104	3535	4669
≥.03	73	18	29	7	9	5	6	6	9	4	3	4	3	4	2	58	1266-1	240	3485	4095	4845
≥.02	38	14	13	9	5	1	4	2	1	2	2	1	3	4	1	46	2058-1	146	3628	4627	5014
≥.01	6	2	1	2		1	1	1	1						1	16	SEA-4	32	2994	5252	5338

HOURS DURATION OF EVENTS

61 — 12.0N 156.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10										1							60-1	1	10	10	4545
≥.08	58	13	11	5	9	8	4	5	3	1	1	3				3	228-1	124	462	468	4577
≥.06	109	32	27	19	5	10	11	7	8	4	6	6	2	2	2	35	624-1	282	2079	2312	4758
≥.05	115	31	31	14	11	11	13	4	3	8	5	3	6	5	6	43	804-1	307	2657	3110	4860
≥.04	107	23	13	9	9	5	8	5	4	4	4	2	2	2	2	53	[illegible]	249	2924	3498	4795
≥.03	74	18	11	10	5	6	3	2	4		3	3		1	2	44	1440-1	191	[illegible]	[illegible]	[illegible]
≥.02	38	14	9	3	1	1	6	2		3	3		1			33	SEA-1	116	[illegible]	[illegible]	[illegible]
≥.01	4	2	2	3	1	2			1							14	SEA-3	31	2448	4758	4925

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	1																6-1	1	1	1	4545
≥.10		1		1													24-1	2	6	6	4545
≥.08	1	4		1				1	1	1	1	1				1	108-1	12	81	81	4545
≥.06	22	6	3	4		1	1			1		1	1			4	264-1	44	217	217	4552
≥.05	26	10	10	4	3	2				1	2		4			5	504-1	67	416	416	4556
≥.04	37	15	5	6	5	2	3	2	1	1	1	3	2	4	2	23	624-1	112	1210	1245	4741
≥.03	20	16	9	4	5	2	5	3	4	3	3		2	1	4	28	[illegible]	115	[illegible]	[illegible]	[illegible]
≥.02	38	17	11	5	7	9	7	4	4	1	1	2	4	1	2	27	1722-1	140	[illegible]	3981	5733
≥.01	13	8	4	3	3	6	1	3	3	2						22	SEA-3	68	3033	4579	5593

HOURS DURATION OF EVENTS

(Partial tables at right edge, columns 6 and 12 only visible)

Wave slope α	6	12
≥.11	1	1
≥.10	1	5
≥.08	44	18
≥.06	68	29
≥.05	64	30
≥.04	87	32
≥.03	72	[illegible]
≥.02	53	17
≥.01	14	6

Wave slope α	6	12
≥.10	1	1
≥.08	52	17
≥.06	77	34
≥.05	95	24
≥.04	94	25
≥.03	64	31
≥.02	50	22
≥.01	19	4

Wave slope α	6	12
≥.11		1
≥.10	4	
≥.08	50	12
≥.06	78	38
≥.05	77	21
≥.04	87	35
≥.03	67	23
≥.02	34	12
≥.01	13	2

Wave slope α	6	12
≥.15	1	
≥.14	2	
≥.13	1	1
≥.12	2	
≥.11	2	1
≥.10	9	2
≥.08	80	19
≥.06	61	28
≥.05	67	19
≥.04	69	29
≥.03	60	22
≥.02	40	11
≥.01	7	3

Wave slope α	6	12
≥.11	2	1
≥.10	12	1
≥.08	102	32
≥.06	120	48
≥.05	123	42
≥.04	102	43
≥.03	79	32
≥.02	62	18
≥.01	17	7

Wave slope α	6	12
≥.12	3	1
≥.11	3	4
≥.10	28	11
≥.08	56	22
≥.06	67	29
≥.05	70	20
≥.04	59	24
≥.03	45	21
≥.02	30	9
≥.01	12	5

Wave slope α	6	12
≥.08	1	
≥.06	2	
≥.05	8	
≥.04	15	1
≥.03	24	7
≥.02	38	11
≥.01	25	7

WAVE SLOPE (α) DURATIONS (Cont'd)

44 — 27.9N 150.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10	4	3	2	1	1												30-1	11	25	25	4545
≥.08	44	19	13	10	10	5	4	6	5	3	3		3	1	1	2	114-1	129	530	547	4555
≥.06	74	41	27	27	20	21	18	10	10	8	9	6	3	7	2	14	192-1	297	1579	1641	4561
≥.05	88	31	42	23	21	19	24	15	7	12	14	13	6	3	9	21	192-1	348	2067	2150	4563
≥.04	99	46	45	24	29	14	16	16	14	11	7	8	13	3	11	40	24[illegible]-1	396	2524	2630	4581
≥.03	90	41	36	24	19	20	14	13	14	10	11	9	10	5	6	57	390-1	379	2897	3084	4612
≥.02	70	23	21	16	13	8	17	15	10	10	9	6	10	5	6	66	396-1	310	3239	3609	4630
≥.01	27	7	13	10		2	4	2	3	5	2	3		1	3	64	1446-1	146	4204	4785	5137

HOURS DURATION OF EVENTS

45 — 27.8N 145.6W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	1	1															12-1	2	3	3	4545
≥.10	1	5	2	1			1	1									48-1	11	36	36	4545
≥.08	44	18	17	7	7	8	6	6	2	4	4	2	4	1		10	156-1	140	716	726	4563
≥.06	68	29	23	17	17	18	12	4	7	8	5	4	1	3	3	41	372-1	260	1976	2063	4626
≥.05	64	30	17	17	12	14	14	11	9	8	6	4	9	4	3	49	810-1	271	2576	2891	4750
≥.04	87	32	21	16	11	16	13	10	5	6	6	5	6	6	5	57	870-1	302	2996	3183	4833
≥.03	72	25	23	20	13	17	12	8	1	9	9	3	5	9	4	61	876-1	291	3344	3575	4840
≥.2	53	17	10	15	12	7	8	10	4	7	4	10	3	4	5	62	966-1	231	3841	4126	4991
≥.01	14	6	7	1	4	4	3	1	2		1	1	2	2	1	48	SEA-1	97	4248	5216	5533

HOURS DURATION OF EVENTS

47 — 25.0N 119.4W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10																					4545
≥.08	31	8	5	7	1	3	2	1									48-1	58	135	138	4552
≥.06	125	42	35	18	16	17	15	13	7	8	8	2	2	2	8	12	336-1	330	1489	1518	4642
≥.05	117	50	26	24	32	15	11	21	12	8	10	3	5	5	3	30	384-1	372	2131	2213	4668
≥.04	109	57	30	24	20	13	19	13	11	10	9	5	7	12	5	45	390-1	389	2700	2812	4712
≥.03	88	45	31	24	15	13	14	14	7	8	8	7	6	7	2	62	582-1	351	3074	3294	4743
≥.02	58	36	17	12	8	14	7	10	2	5	8	4	9	3	4	69	996-1	266	3514	3862	4835
≥.01	31	17	6	5	6	7	2	2	3	4	4	1	3	4	1	55	1332-1	151	3791	4453	5042

HOURS DURATION OF EVENTS

48 — 23.5N 151.8W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10	1	1	3														18-3	5	12	12	4545
≥.08	52	17	11	6	4	5	4	4	2	4	3	3	3	1		8	300-1	127	627	633	4555
≥.06	77	34	24	14	13	9	8	7	5	4	3	7	3	6	3	42	846-1	259	2250	2281	4670
≥.05	95	24	23	9	14	15	7	4	6	4	7	6	4	3	3	52	852-1	276	2743	2861	4745
≥.04	94	25	25	11	10	13	14	6	6	5	10	4	2	5	4	54	858-1	288	3083	3341	4779
≥.03	64	31	14	13	9	9	11	4	9	3	7	8	4	5	2	58	1002-1	251	3412	3751	4792
≥.02	50	22	11	5	6	9	4	5	3	5	4	7	2	3	3	57	1824-1	196	3871	4344	5016
≥.01	19	4	3	2	1	1		2	4	1	1	2	3	1		38	SEA-1	82	4015	5234	5505

HOURS DURATION OF EVENTS

50 — 21.7N 162.7W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10	3																6-3	3	3	3	4545
≥.08	68	22	11	8	8	11	4	3	3	2		3			1	1	96-1	145	449	453	4546
≥.06	88	36	16	21	16	9	12	7	8	4	11	4	9	3	2	32	432-1	278	2011	2066	4583
≥.05	123	38	25	13	15	11	12	10	4	9	5	3	7	3	5	43	516-1	326	2507	2594	4595
≥.04	96	32	37	14	15	15	10	10	3	6	6	3	10	7	3	52	540-1	319	2976	3072	4624
≥.03	102	23	25	17	11	7	18	7	5	9	3	6	6	7	5	61	546-1	312	3326	3432	4659
≥.02	79	15	16	14	5	10	11	5	7	4	6	3	1	2	5	70	792-1	253	3649	3850	4705
≥.01	45	11	6	2	5	3	1	3	2	2	3	2		1	2	56	1572-1	144	4039	4628	5098

HOURS DURATION OF EVENTS

51 — 20.5N 177.1W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11		1															12-1	1	2	2	4545
≥.10	4		2			1	1										42-1	8	23	23	4545
≥.08	50	12	15	7	7	3	4	5	7	4	1	2	3	2	1	9	306-1	132	700	738	4547
≥.06	78	38	18	16	18	7	13	6	4	1	5	3	6	3	3	44	378-1	263	2152	2280	4585
≥.05	77	21	26	12	14	18	15	4	6	5	6	4	3	3	5	56	552-1	275	2733	2885	4649
≥.04	87	35	21	11	12	14	9	10	9	8	5	7	3	2	4	59	918-1	296	3159	3331	4658
≥.03	67	23	18	10	9	4	5	7	7	6	4	4	3	6	3	61	1236-1	237	3553	3751	4675
≥.02	34	12	9	10	4	5	5	2	7	1	1	3	2	1	3	59	1500-1	158	3731	4222	4762
≥.01	13	2	3		4								2			43	SEA-2	67	3671	5025	5203

HOURS DURATION OF EVENTS

53 — 18.5N 120.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4545
≥.14	1	2															12-2	3	5	5	4545
≥.13	7	3	1	2	1												30-1	14	29	29	4545
≥.12	10	10	1	2	2	1	3										42-3	29	78	78	4545
≥.11	33	12	12	4	4	4	1		2	1	1	2	1				78-1	77	236	237	4545
≥.10	75	26	10	7	7	4	6	10	9	7	5	3	2	3	2	4	252-1	180	804	810	4548
≥.08	68	23	18	13	8	7	8	5	7	7	4	5	4	5	3	54	774-1	239	2599	2947	4658
≥.06	41	17	12	6	8	6	4	6	4	1	1	5	3	1	6	63	1062-1	184	3532	4079	4897
≥.05	37	16	13	7	5	3	6	2	4	1	2	1	3	1	2	60	1158-1	163	3845	4389	4965
≥.04	44	6	8	7	3	3	2	3	1	3	1		3		1	45	1914-1	130	3535	4732	5170
≥.03	27	11	4	7	2	3	1	1	1	2	1	1				33	SEA-1	94	3302	5061	5172
≥.02	16	5	3	6	1	1	1	1		2	2					21	SEA-3	59	2734	4864	5057
≥.01	5	4		1			1				1		1			11	SEA-4	24	2258	4903	4985

HOURS DURATION OF EVENTS

54 — 18.2N 168.8E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15	1																6-1	1	1	1	4545
≥.14	2																6-2	2	2	2	4545
≥.13	1	1															12-1	2	3	3	4545
≥.12	2							1									48-1	3	10	10	4545
≥.11	2	1				1	1	1									48-1	6	25	25	4545
≥.10	9	2	3	1	1		1			1		2					72-2	20	72	73	4545
≥.08	80	19	15	3	6	11	2	6	4	1	3	4	2	4		21	210-1	181	1023	1119	4563
≥.06	61	28	17	14	9	10	8	7	5	5	6	4	7	5	3	48	516-1	237	2522	2853	4676
≥.05	67	19	9	17	8	10	10	7	7	4	1	2	4	2	4	61	810-1	232	2939	3127	4682
≥.04	69	29	12	11	4	15	5	3	2	5	3	5	2		1	60	810-2	226	3296	3755	4745
≥.03	60	22	8	13	5	5	5	3	4	4	3	1	4		1	48	966-1	186	3285	4011	4728
≥.02	40	11	8	4	2	4	5	1	2	3		1	5	2		45	1452-1	133	3290	4338	4747
≥.01	7	3	1	1			2			1		1		1		30	SEA-2	47	3432	512[illegible]	5258

HOURS DURATION OF EVENTS

56 — 17.6N 111.5W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	1																6-1	1	1	1	4545
≥.10		1															12-1	1	2	2	4545
≥.08	28	8	7	1	3	2	2	2			1		1				78-1	55	150	150	4546
≥.06	111	63	39	17	14	16	6	11	5	3	3	3	1			6	264-1	298	1008	1041	4560
≥.05	168	73	44	25	18	12	17	11	8	5	7	2	4		3	17	264-1	414	1632	1695	4628
≥.04	197	109	67	25	21	15	20	8	9	6	10	6	6	3	4	24	270-2	521	2210	2291	4678
≥.03	156	82	68	24	22	21	19	10	10	6	6	10	4	8	5	37	414-1	488	2693	2830	4743
≥.02	135	57	52	24	23	11	11	9	9	6	7	12	3	5	4	61	462-1	429	3232	3409	4823
≥.01	65	42	25	11	7	6	7	2	6	4	3	7	3	2	4	71	1128-1	265	3779	4200	5018

HOURS DURATION OF EVENTS

57 — 14.9N 147.9E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	2	1					1										42-1	4	11	11	4545
≥.10	12	1	5	1	1								1				78-1	21	51	52	4545
≥.08	102	32	22	13	14	9	14	4	3	3	5	2	3	2	2	8	306-1	238	965	986	4552
≥.06	129	48	24	15	14	7	8	6	12	4	5	2	5	3	7	47	510-1	327	2403	2547	4627
≥.05	123	42	33	16	24	8	16	5	5	3	8	1	2	3	7	55	606-1	351	2830	3117	4647
≥.04	102	43	36	15	23	5	7	5	10	2	6	2	3	2	2	58	936-1	321	3368	3664	4816
≥.03	79	32	17	14	18	11	3	5	7	4	5	3	2	2		48	1182-1	250	3653	4179	5013
≥.02	62	18	15	9	6	6	5	5	6	2	2	1	3	2	1	35	1716-1	178	3713	4526	5029
≥.01	17	7	5	3	1			1	1	2	1	1				23	SEA-2	62	3067	4929	5087

HOURS DURATION OF EVENTS

59 — 14.0N 160.6W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	1																6-1	1	1	1	4545
≥.10	1																6-1	1	1	4	4545
≥.08	73	28	17	13	6	7	7	7	3	1	2		1			6	246-1	171	640	645	4587
≥.06	73	35	36	12	12	14	10	7	10	5	9	4	1	3	5	40	690-1	276	2391	2530	4661
≥.05	109	27	48	12	10	12	11	6	9	3	10	2	4	1	3	48	870-1	315	2798	3081	4655
≥.04	113	33	30	6	13	9	14	3	9	5	7	4	7	4	3	54	924-1	314	3168	3535	4669
≥.03	73	18	29	7	9	5	6	6	9	4	3	4	3	4	2	58	1266-1	240	3365	4095	4845
≥.02	38	14	13	9	5	1	4	2	1	2	2	1	3	4	1	46	2058-1	146	3628	4627	5014
≥.01	6	2	1	2		1	1	1	1						1	16	SEA-4	32	2994	5252	5336

HOURS DURATION OF EVENTS

60 — 12.2N 112.6E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12	3	1	3														18-3	7	14	14	4545
≥.11	3	4	1		1		1				1					1	96-1	12	53	53	4546
≥.10	28	11	8	4	2	2	3			2						3	282-1	63	239	239	4553
≥.08	56	22	11	3	6	11	5	2	4	2	3	5	1	2	5	29	[illegible]	167	[illegible]	[illegible]	4631
≥.06	67	29	23	11	13	1	5	3	3	2	4	2	1	2	1	48	[illegible]	215	[illegible]	[illegible]	[illegible]
≥.05	70	20	19	15	14	7	5	2	3	3	4	4		2	4	41	1404-1	213	3091	3504	5013
≥.04	59	24	21	5	13	10	2	2	3	6		5	2	2	1	40	SEA-1	195	[illegible]	4165	5132
≥.03	45	21	22	7	8	2	4	1	6	3	1	2	1	2		31	SEA-1	156	[illegible]	4576	5451
≥.02	30	9	7	4	2	3	2	4	2	4	3	3		3		30	SEA-2	106	3123	4941	5515
≥.01	12	5	1	1	2	1			1	1	1	1	1	1	1	20	SEA-4	49	3143	5044	5407

HOURS DURATION OF EVENTS

62 — 4.1N 106.7E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11	1																6-1	1	1	1	4545
≥.10		1		1													24-1	2	6	6	4545
≥.08	1	4		1				1	1	1	1	1				1	108-1	12	81	81	4545
≥.06	22	6	3	4		1	1			1		1	1			4	264-1	44	217	217	4552
≥.05	26	10	10	4	3	2				1	2		4			5	504-1	67	416	416	4558
≥.04	37	15	5	6	5	2	3	2	1	1	1	3	2	4	2	23	624-1	112	1210	1246	4741
≥.03	28	18	9	4	5	2	5	3	4	3	3		2	1	4	26	1518-1	115	2205	2715	5227
≥.02	30	17	11	5	7	9	7	4	4	1	1	2	4	1	2	27	1722-1	140	2898	3381	5733
≥.01	13	8	4	3	3	6	1	3	3	2						22	SEA-3	68	3033	4579	5593

HOURS DURATION OF EVENTS

63 — 2.1N 123.6E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																					4545
≥.14																					4545
≥.13																					4545
≥.12																					4545
≥.11																					4545
≥.10																					4545
≥.08	1																[illegible]	1	1	1	[illegible]
≥.06	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]																[illegible]	10	15	15	[illegible]
≥.04	15	1	3	2	1		1										[illegible]	28	103	103	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20	[illegible]	118	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SEA-2	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

WAVE SLOPE (α) DURATIONS

1 — 64.0N 166.7W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	1																0.25-1	1	1	1	17219
≥.14		1	1														0.75-1	2	5	5	17219
≥.13	2		2	1													1.00-1	5	12	12	17219
≥.12	6	2	4		3												1.75-1	15	39	39	17219
≥.11	36	25	10	8	8												1.75-5	87	198	204	17219
≥.10	131	56	29	16	44	9	3	1									4.75-1	289	802	814	17219
≥.08	235	84	86	76	182	85	44	19	43	3							13.25-1	857	5243	5435	17219
≥.06	96	67	61	47	182	118	69	44	102	28	3	1					37.50-1	816	9660	10311	17219
≥.05	84	55	57	55	155	113	81	53	98	39	7	1					37.75-1	798	10733	11663	17219
≥.04	82	59	49	50	162	102	74	57	105	44	8	3					55.50-1	795	11569	12719	17219
≥.03	95	53	33	41	147	97	74	44	102	54	14	4					55.50-1	758	12128	13528	17219
≥.02	82	44	26	30	118	85	67	41	117	50	18	4		1			103.00-1	681	12683	14340	17219
≥.01	57	32	19	17	66	53	38	37	90	60	15	7	3	2			132.00-1	496	12700	15250	17219

DAYS DURATION OF EVENTS

2 — 59.4N 172.0W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	1	2															0.50-2	3	5	5	17217
≥.14	3	2	2		1												1.25-1	8	18	21	17217
≥.13	19	4	3	2		1											2.75-1	29	55	60	17217
≥.12	21	20	18	17	8				1								5.25-1	85	249	255	17217
≥.11	65	41	31	28	53	10			1								7.75-1	229	796	806	17217
≥.10	89	70	70	52	130	38	10	6	5								8.75-1	470	2199	2230	17217
≥.08	91	76	63	55	205	120	65	29	60	11							19.25-1	775	6947	7259	17217
≥.06	93	59	52	62	187	132	78	62	101	29	5	2					47.00-1	869	10525	11327	17217
≥.05	75	67	37	38	176	130	83	58	124	38	8	2					47.25-1	835	11714	12651	17217
≥.04	89	48	33	33	131	111	75	61	133	49	8	5					47.25-1	776	12539	13861	17217
≥.03	63	39	29	29	106	87	60	54	113	72	13	6					47.25-1	671	12934	14471	17217
≥.02	65	19	24	19	61	55	42	27	96	51	26	11		1			95.25-1	497	12760	15363	17217
≥.01	27	7	5	12	24	22	12	14	40	33	16	17	3	4			158.00-1	236	11584	16285	17217

DAYS DURATION OF EVENTS

4 — 56.8N 174.8E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	2	4	1														0.75-1	7	13	13	17219
≥.14	13	10	3	1	1												1.25-1	28	51	51	17219
≥.13	28	13	14	13	6	1											3.00-1	75	201	202	17219
≥.12	61	36	24	15	31	9	1	1									4.25-1	178	579	584	17219
≥.11	84	51	51	35	73	20	7		8								7.75-1	329	1429	1458	17219
≥.10	100	72	64	66	150	58	19	12	18								9.75-2	559	3198	3256	17219
≥.08	127	52	57	49	217	133	64	30	72	18	2						29.25-1	825	8056	8457	17219
≥.06	99	60	47	45	188	113	87	55	108	43	7	1					40.50-1	853	11233	12050	17219
≥.05	76	44	55	43	150	105	80	68	108	60	8	2					43.25-1	800	12198	13294	17219
≥.04	86	37	37	42	119	77	68	63	109	60	15	5	1				67.75-1	719	12795	14230	17219
≥.03	56	32	26	23	79	72	41	48	107	56	17	9	1				96.25-1	568	12816	15031	17219
≥.02	52	23	13	12	33	44	23	23	89	40	15	15	4	3			133.00-1	389	12601	15836	17219
≥.01	28	8	7	2	18	6	7	11	38	27	10	9	2	2	2		235.75-1	177	9237	16612	17219

DAYS DURATION OF EVENTS

5 — 56.8N 141.9W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																					17219
≥.14	4	1															0.50-1	5	6	6	17219
≥.13	13	6	6	1													1.00-1	26	47	47	17219
≥.12	32	25	15	17	6												2.00-1	95	231	232	17219
≥.11	69	38	36	38	53	12											3.00-4	246	853	868	17219
≥.10	111	66	51	36	123	42	15	9	1								5.50-1	454	2132	2172	17219
≥.08	128	86	86	63	181	130	56	30	68	4							16.25-1	835	6709	6881	17219
≥.06	118	89	63	66	228	161	76	51	99	17	4						24.50-1	972	10033	10487	17219
≥.05	108	60	85	55	168	144	79	67	120	36	4						28.50-1	925	11279	11953	17219
≥.04	111	77	64	46	135	116	80	51	124	53	7	3					46.00-1	867	12163	13097	17219
≥.03	83	64	41	36	90	84	64	46	111	71	10	7					46.50-1	707	12595	14182	17219
≥.02	74	34	28	14	51	41	35	30	78	73	16	17	1				61.25-1	492	12967	15373	17219
≥.01	31	10	15	6	17	4	9	5	32	28	18	16	5	5			138.75-1	201	11407	16472	17219

DAYS DURATION OF EVENTS

7 — 53.4N 164.7E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	1	1															0.50-1	2	3	4	17218
≥.14	3	3	1														0.75-1	7	12	13	17218
≥.13	23	7	5		3	1											2.50-1	39	79	82	17218
≥.12	38	13	19	13	11	3											3.00-2	97	278	281	17218
≥.11	79	54	42	25	47	12	4	2	1								5.75-1	266	929	945	17218
≥.10	89	72	68	56	118	40	10	7	12								8.50-2	472	2393	2447	17218
≥.08	118	79	77	74	231	116	55	39	55	9	2						25.75-1	855	7160	7460	17218
≥.06	100	59	82	73	214	148	93	54	99	29	3	1					48.50-1	955	10682	11216	17218
≥.05	100	60	51	55	180	128	71	73	120	45	4	2					54.50-1	887	11862	12632	17218
≥.04	96	43	52	39	155	105	55	56	130	59	11	3					54.50-1	804	12696	13652	17218
≥.03	88	52	39	24	108	80	42	39	108	72	13	7					55.50-1	671	12954	14512	17218
≥.02	62	44	25	21	58	56	33	27	77	43	13	12	2	3			124.50-1	475	12558	15458	17218
≥.01	34	19	21	10	32	21	8	14	37	30	10	5		4	1		200.25-1	246	8662	16365	17218

DAYS DURATION OF EVENTS

8 — 52.0N 172.9E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	7	7	2														0.75-2	16	27	27	17219
≥.14	13	9	11	2	1												1.75-1	36	79	79	17219
≥.13	30	25	21	5	8												2.00-1	89	212	212	17219
≥.12	77	47	28	23	32	3											2.75-1	210	562	573	17219
≥.11	119	75	67	41	80	23	3	1									4.25-1	409	1418	1437	17219
≥.10	139	102	107	74	163	56	16	8	11								7.00-1	671	3132	3206	17219
≥.08	138	87	95	76	258	148	81	46	65	11							16.75-1	1005	8402	8725	17219
≥.06	94	72	51	63	191	137	101	56	136	34	4						25.75-1	939	11709	12366	17219
≥.05	100	63	53	54	158	122	84	62	131	60	4	2					36.75-1	893	12774	13639	17219
≥.04	94	44	44	37	111	91	75	57	116	78	13	3					40.50-1	757	13441	14594	17219
≥.03	72	33	34	27	76	65	58	38	98	72	18	13	2				73.25-1	589	13776	15323	17219
≥.02	50	9	11	14	45	27	31	26	62	65	6	18	5	1			111.25-1	349	12484	16080	17219
≥.01	12	4	3	2	14	8	5	6	18	31	13	6	4	4	1		245.75-1	131	9389	16776	17219

DAYS DURATION OF EVENTS

10 — 51.7N 135.6W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	2	1															0.50-1	3	4	4	17219
≥.14	12	2	1	1													1.00-1	16	23	23	17219
≥.13	39	16	8	4													1.00-4	67	111	111	17219
≥.12	74	46	26	16	13	16	1										2.25-1	176	394	396	17219
≥.11	92	80	52	48	71	13	1										5.75-1	357	1162	1172	17219
≥.10	140	102	70	67	154	52	24	10	2								7.50-1	621	2888	2948	17219
≥.08	161	90	79	54	195	127	58	43	81	18	1						22.00-1	887	8240	8461	17219
≥.06	112	84	68	59	180	107	82	54	110	47	7						30.00-1	910	11533	12031	17219
≥.05	83	63	57	62	147	102	76	44	125	54	12	2					32.25-1	827	12422	13267	17219
≥.04	79	41	44	33	102	81	63	40	125	67	16	5					33.75-1	696	13126	14227	17219
≥.03	71	24	31	25	57	54	35	38	102	74	15	11	2				74.50-1	539	13264	15043	17219
≥.02	42	20	15	15	29	26	17	22	67	58	19	21	3	1			98.50-1	355	13208	15914	17219
≥.01	25	3	5	7	9	8	6	4	23	28	13	12	4	4	1		185.00-1	152	10414	16638	17219

DAYS DURATION OF EVENTS

11 — 51.3N 158.8W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	4	2		1													1.00-1	7	12	12	17219
≥.14	13	9	1		2												1.50-1	27	53	53	17219
≥.13	27	9	9	2	9												1.50-4	56	129	129	17219
≥.12	80	40	24	18	16	1	1										3.50-1	180	418	420	17219
≥.11	123	71	48	43	89	12	5										4.00-2	391	1298	1322	17219
≥.10	207	115	90	82	187	61	18	8	6								7.00-1	774	3376	3435	17219
≥.08	126	96	83	83	224	130	113	45	95	15							15.75-1	1010	9451	9801	17219
≥.06	66	59	62	52	157	120	73	61	138	53	8	2					33.25-1	851	12630	13303	17219
≥.05	70	50	50	43	129	111	60	55	162	53	4	2					39.50-1	790	13427	14381	17219
≥.04	65	40	32	35	102	77	76	56	132	54	12	1					42.25-1	682	13594	14970	17219
≥.03	47	27	20	13	64	46	33	26	95	63	27	17					53.75-1	478	13334	15850	17219
≥.02	33	18	10	5	20	17	20	12	58	32	20	28	3				94.00-1	277	12410	16451	17219
≥.01	3	5		6	1	1	2	3	12	8	7	4	3	2			220.00-1	65	7614	17005	17219

DAYS DURATION OF EVENTS

13 — 50.3N 171.3W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	3																0.25-3	3	3	5	17218
≥.14	9	4	2	1													1.00-1	16	27	29	17218
≥.13	24	15	7	3	3												1.25-3	52	102	107	17218
≥.12	64	39	17	11	19	2											2.25-2	152	374	385	17218
≥.11	109	72	58	29	63	14	1	2									5.00-1	348	1132	1161	17218
≥.10	160	108	90	71	166	57	17	5	6								8.00-1	680	2999	3051	17218
≥.08	157	107	94	100	236	161	67	54	66	17							19.25-1	1057	8833	9209	17218
≥.06	91	70	62	62	190	141	80	67	144	37	3						24.25-1	947	12003	12865	17218
≥.05	94	51	28	49	156	119	79	64	143	61	5	1					32.50-1	850	13042	14088	17218
≥.04	80	40	39	28	91	100	63	47	117	75	15	5					41.00-1	700	13521	14940	17218
≥.03	57	26	24	19	59	49	38	32	97	69	19	14	2				78.75-1	505	13609	15726	17218
≥.02	30	12	8	8	24	13	19	17	51	47	17	13	4	4			135.75-1	267	12266	16394	17218
≥.01	6	1	2	2	6		2	4	16	18	9	9	2	3	1		204.25-1	81	7285	16945	17218

DAYS DURATION OF EVENTS

14 — 49.3N 174.1E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	9	3	3		2												1.50-1	17	35	35	17219
≥.14	22	16	8	2	4												1.75-2	52	110	110	17219
≥.13	48	39	14	10	11												2.00-1	122	272	272	17219
≥.12	85	46	50	25	31	4											3.00-1	241	650	663	17219
≥.11	123	97	75	52	89	25	3	3									4.50-2	467	1626	1646	17219
≥.10	180	102	112	91	208	62	21	8	1								6.75-1	808	3656	3704	17219
≥.08	128	99	83	83	254	134	83	59	91								11.75-2	1025	9161	9534	17219
≥.06	87	74	59	61	190	134	94	50	144	44	3						28.50-1	942	12238	13076	17219
≥.05	66	53	51	49	148	118	64	51	128	64	10						28.50-1	802	12994	14176	17219
≥.04	56	42	46	23	91	91	61	50	107	76	17	9					53.50-1	669	13808	15081	17219
≥.03	50	27	22	15	52	44	38	31	77	68	24	19					55.00-1	467	13511	15793	17219
≥.02	27	15	12	10	27	14	20	13	51	44	16	17	3	2	1		200.00-1	272	12013	16419	17219
≥.01	6	4	3	1	7	3	1	3	10	17	6	12	3	3	2		247.25-1	81	8327	16942	17219

DAYS DURATION OF EVENTS

16 — 47.1N 161.2E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	6	4	3														0.75-3	13	23	23	17217
≥.14	19	9	2	1	2												1.25-2	33	57	57	17217
≥.13	45	29	11	4	4	1											2.25-1	94	182	182	17217
≥.12	96	64	44	14	29	3											2.50-1	250	601	601	17217
≥.11	116	101	86	57	108	17	1										3.50-1	487	1663	1678	17217
≥.10	197	142	118	87	200	72	23	2	4								8.00-1	845	3599	3667	17217
≥.08	121	98	118	96	271	160	90	49	70	9							17.50-1	1080	8944	9255	17217
≥.06	111	91	62	65	211	149	87	51	135	43	1	1					32.25-1	1007	12078	12729	17217
≥.05	94	66	57	57	170	119	98	51	137	57	7	1					32.25-1	914	12985	13929	17217
≥.04	79	42	45	35	141	95	78	34	129	68	13	5					39.00-1	760	13352	14843	17217
≥.03	64	32	26	17	87	59	54	43	103	57	15	9	3				82.75-1	567	12792	15567	17217
≥.02	37	16	14	8	31	27	20	23	60	44	15	13	2	3			172.75-1	323	11211	16268	17217
≥.01	13	5	5	5	7	6	7	10	18	27	7	6	1	1	3		251.00-1	121	7615	16867	17217

DAYS DURATION OF EVENTS

17 — 45.8N 139.3E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																					17217
≥.14	2																0.25-2	2	2	2	17217
≥.13	1		2														0.75-2	4	9	9	17217
≥.12	5	3	2	1													1.00-1	11	21	21	17217
≥.11	25	8	2	1	6												1.75-1	42	84	84	17217
≥.10	68	44	17	9	16	4											2.75-1	158	378	379	17217
≥.08	237	184	126	67	137	60	23	6	9								9.25-1	809	3763	3814	17217
≥.06	178	147	129	100	265	153	83	42	55	16							15.25-2	1168	8665	8883	17217
≥.05	157	134	118	108	279	154	102	48	87	19							15.50-2	1206	10174	10561	17217
≥.04	170	123	96	93	274	170	105	52	111	17	2	1					30.50-1	1214	11308	11809	17217
≥.03	158	100	101	79	243	167	92	59	127	26	3	1					30.50-1	1154	11904	12606	17217
≥.02	141	94	75	55	203	147	87	73	127	39	6	1					45.00-1	1048	12642	13499	17217
≥.01	127	72	63	39	151	129	62	61	129	45	11	6					45.00-1	891	12814	13970	17217

DAYS DURATION OF EVENTS

19 — 44.3N 177.7W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	4	3	1	2													1.00-2	10	21	21	17219
≥.14	25	13	2	3													1.00-3	43	69	69	17219
≥.13	49	24	10	10	7												2.00-1	100	209	209	17219
≥.12	88	56	28	16	29	4											2.50-1	221	554	562	17219
≥.11	161	86	76	48	84	21	1	1									4.50-1	458	1484	1503	17219
≥.10	218	168	100	86	188	63	19	8	7								7.50-1	836	3539	3609	17219
≥.08	188	107	102	96	267	158	90	44	82	14							19.00-1	1082	9195	9539	17219
≥.06	168	107	103	85	264	167	130	85	146	48	6	1					32.25-1	958	12109	13110	17219
≥.05	106	85	62	58	187	109	88	63	129	48	6	1					45.00-1	838	13200	14148	17219
≥.04	74	38	44	40	96	75	68	65	128	59	9	3					63.25-1	695	13200	15088	17219
≥.03	48	35	28	23	54	52	48	35	108	61	15	7	1				75.75-1	516	13430	15740	17219
≥.02	42	36	18	19	21	32	29	25	75	62	16	12	4				107.50-1	287	12899	16304	17219
≥.01	8	7	7	6	8	5	3	2	13	21	6	15	1	1	2		271.75-1	99	7615	16936	17219

DAYS DURATION OF EVENTS

20 — 44.2N 152.7W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	4	1															0.50-1	5	6	7	17218
≥.14	14	4		1													1.00-1	19	26	28	17218
≥.13	33	16	6	1	4												1.50-2	60	109	114	17218
≥.12	63	49	29	16	14	1											2.50-1	172	406	417	17218
≥.11	122	79	46	61	180	13	4	1									4.75-1	406	1335	1354	17218
≥.10	168	118	106	93	179	71	19	7	5								9.50-1	756	3415	3494	17218
≥.08	147	88	74	52	188	105	75	37	105	25	1						25.25-1	889	9141	9634	17218
≥.06	90	54	53	40	138	87	59	65	120	64	6	1					35.50-1	765	11857	12974	17218
≥.05	83	54	43	36	98	75	46	48	121	66	13	6					41.25-1	687	12469	14062	17218
≥.04	60	24	48	27	83	48	43	38	101	73	14	10					53.25-1	569	12489	14839	17218
≥.03	48	23	30	18	60	35	36	21	87	62	19	16					58.25-1	450	12192	15519	17218
≥.02	31	19	10	13	36	19	8	12	45	48	18	15	4	2			127.00-1	280	11452	16239	17218
≥.01	6	10	6	4	4	3	6	4	12	19	10	5	1	4	1		237.50-1	95	6920	16812	17218

DAYS DURATION OF EVENTS

Station 2 — 59.4N 172.0W (WAVE SLOPE α; DAYS DURATION OF EVENTS)

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15	1	2															0.50-2	3	5	5	17217
≥.14	3	2	2		1												1.25-1	8	18	21	17217
≥.13	19	4	3	2		1											2.75-1	29	55	60	17217
≥.12	21	20	18	17	8				1								5.25-1	85	249	255	17217
≥.11	65	41	31	28	53	10			1								3.75-1	229	796	806	17217
≥.10	89	70	70	52	130	38	10	6	5								8.75-1	470	2199	2230	17217
≥.08	91	76	63	55	205	120	65	29	60	11							19.25-1	757	6941	7259	17217
≥.06	93	59	52	62	187	132	78	62	101	29	5	2					47.00-1	862	10525	11327	17217
≥.05	77	67	32	38	176	130	83	58	124	38	8	2					47.25-1	833	11714	12651	17217
≥.04	89	48	33	33	131	111	75	61	133	49	8	5					47.25-1	776	12539	13661	17217
≥.03	63	39	29	29	108	87	60	54	113	72	13	6					47.25-1	671	12934	14471	17217
≥.02	65	19	24	19	63	55	42	27	96	51	26	11		1			95.25-1	497	12760	15363	17217
≥.01	27	7	5	12	24	22	12	14	40	33	16	17	3	4			158.00-1	236	11584	16285	17217

Station 3 — 58.5N 151.6W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15	1	1															0.50-1	2	3	3	17219
≥.14	2	1	2														0.75-2	5	10	10	17219
≥.13	4	4	2	1													1.00-1	11	22	22	17219
≥.12	24	19	5	7	2												1.50-1	57	116	116	17219
≥.11	53	39	28	21	29	5											3.00-1	175	522	523	17219
≥.10	113	62	48	53	88	26	8	3	1								6.25-1	402	1586	1595	17219
≥.08	171	105	72	92	239	93	46	35	37	3							16.75-1	893	5902	6069	17219
≥.06	127	85	80	78	242	141	61	48	101	19	2						29.00-1	1004	9635	10030	17219
≥.05	104	80	69	70	221	133	87	56	111	30	5						29.00-2	966	10909	11557	17219
≥.04	132	68	54	51	189	123	95	54	130	36	6	1					39.50-1	939	11884	12699	17219
≥.03	98	56	47	46	140	113	76	67	145	48	9	1					39.75-1	846	12732	13653	17219
≥.02	92	47	35	28	108	71	61	47	131	67	13	5					44.00-1	705	13294	14665	17219
≥.01	56	28	17	13	58	38	36	23	79	68	18	13	3	1			95.75-1	451	13005	15721	17219

Station 5 — 56.8N 141.9W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15																					17219
≥.14	4	1															0.50-1	5	6	6	17219
≥.13	13	6	6	1													1.00-1	26	47	47	17219
≥.12	32	25	15	17	6												2.00-1	95	231	232	17219
≥.11	69	38	36	38	53	12											3.00-4	246	853	868	17219
≥.10	111	66	51	36	123	42	15	9	1								5.50-1	454	2132	2172	17219
≥.08	129	86	88	63	181	130	56	30	68	4							16.25-1	835	6709	6881	17219
≥.06	118	89	63	66	228	161	76	51	99	17	4						24.50-1	972	10033	10487	17219
≥.05	106	60	85	55	169	144	79	67	126	36	4						28.50-1	925	11279	11953	17219
≥.04	111	77	64	46	135	116	80	51	124	53	7	3					46.00-1	867	12163	13097	17219
≥.03	83	64	41	36	90	84	64	46	111	71	10	7					46.50-1	707	12595	14182	17219
≥.02	74	34	28	14	51	41	35	30	78	73	16	17	1				61.25-1	492	12967	15373	17219
≥.01	31	10	15	6	17	4	9	5	32	28	18	16	5	5			138.75-1	201	11407	16472	17219

Station 6 — 54.9N 167.1W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15																					17217
≥.14	2	2															0.50-2	4	6	8	17217
≥.13	20	10	2	1													1.00-1	33	50	56	17217
≥.12	42	27	15	7	7												2.00-1	98	212	220	17217
≥.11	68	55	42	25	54	4											2.75-1	248	763	780	17217
≥.10	161	80	87	62	139	43	5	3	2								5.50-2	582	2290	2321	17217
≥.08	149	82	85	89	263	137	91	45	61	2							11.50-1	1004	7938	8184	17217
≥.06	97	78	61	75	206	152	104	69	117	34	2						26.50-1	995	11591	12201	17217
≥.05	86	50	44	54	191	108	109	76	129	48	8						26.50-1	903	12743	13543	17217
≥.04	69	36	39	36	142	97	96	64	132	56	16	2					33.25-1	785	13290	14421	17217
≥.03	55	26	24	21	85	68	61	49	127	79	16	5					35.50-1	616	13399	15253	17217
≥.02	46	14	13	13	33	34	24	24	76	58	18	25		1			114.50-1	379	13289	16041	17217
≥.01	12	4	3	4	8	6	5	4	27	25	9	13	3	1	3		266.50-1	127	9951	16736	17217

Station 8 — 52.0N 172.9E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15	7	7	2														0.75-2	16	27	27	17219
≥.14	13	9	11	2	1												1.75-1	36	79	79	17219
≥.13	30	25	21	5	8												2.00-1	89	212	212	17219
≥.12	77	47	28	23	32	3											2.75-1	210	562	573	17219
≥.11	119	75	67	41	80	23	3	1									4.25-1	409	1418	1437	17219
≥.10	139	102	102	74	163	56	16	8	11								7.00-1	671	3132	3206	17219
≥.08	138	87	95	76	258	148	81	46	65	11							16.75-1	1005	8402	8725	17219
≥.06	94	72	51	63	191	137	101	56	136	34	4						25.75-1	939	11709	12366	17219
≥.05	100	63	53	54	158	122	84	62	131	60	4	2					36.75-1	893	12774	13639	17219
≥.04	94	44	44	31	111	91	75	57	116	78	13	3					40.50-1	757	13441	14594	17219
≥.03	72	31	34	17	76	65	55	38	96	72	18	13	2				73.25-1	589	13778	15343	17219
≥.02	50	8	17	14	45	27	31	26	62	65	6	18	5	1			111.25-1	375	12484	16080	17219
≥.01	12	4	3	2	14	8	5	6	18	31	13	6	4	4	1		245.75-1	131	9389	16776	17219

Station 9 — 51.7N 158.8E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15	3	2															0.50-2	5	7	7	17218
≥.14	5	4	5														0.75-5	14	28	29	17218
≥.13	16	7	11	2													1.00-2	36	71	72	17218
≥.12	32	32	22	10	10												2.00-1	106	262	265	17218
≥.11	66	51	36	32	44	3	2										3.75-1	234	712	725	17218
≥.10	123	75	70	74	122	36	3	1	1								5.75-1	505	1973	2007	17218
≥.08	137	106	72	89	256	120	66	35	45	4							14.25-1	930	6752	6918	17218
≥.06	108	75	81	64	207	140	100	49	114	25	3	1					36.00-1	967	10655	11141	17218
≥.05	109	50	58	58	189	139	82	69	128	37	4	1					36.25-1	924	11762	12504	17218
≥.04	86	47	41	49	154	119	78	58	121	59	8	1					36.50-1	821	12458	13604	17218
≥.03	68	39	28	35	111	71	68	38	113	76	16	4					57.00-1	667	13210	14450	17218
≥.02	56	31	25	22	58	45	55	29	71	70	19	11	4				84.25-1	496	13300	15324	17218
≥.01	31	18	8	12	22	17	12	12	43	46	12	12	2	3	2		189.75-1	252	11698	16199	17218

Station 11 — 51.3N 158.8W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15	4	2		1													1.00-1	7	12	12	17219
≥.14	13	9	1	2	2												1.50-1	27	53	53	17219
≥.13	27	9	9	2	9												1.50-4	56	129	129	17219
≥.12	80	40	24	18	16	1	1										3.50-1	180	418	420	17219
≥.11	123	71	48	43	89	12	5										4.00-2	391	1298	1322	17219
≥.10	207	115	90	82	187	61	18	8	6								7.00-1	774	3376	3435	17219
≥.08	126	96	83	83	224	130	113	45	95	15							15.75-1	1010	9451	9801	17219
≥.06	66	59	62	52	157	120	73	61	138	53	8	2					33.25-1	851	12630	13303	17219
≥.05	70	60	50	49	129	115	80	55	162	57	11	6					39.50-1	790	13040	14086	17219
≥.04	76	34	36	24	97	70	59	40	136	68	18	9					47.50-2	661	13863	15111	17219
≥.03	47	27	20	13	64	46	33	26	95	63	27	17					53.75-1	478	13334	15850	17219
≥.02	33	18	10	5	20	17	20	12	58	32	20	28	3	1			94.00-1	277	12410	16451	17219
≥.01	3	5		6	1	1		2	3	12	8	8	7	4	3	2	220.00-1	65	7614	17005	17219

Station 12 — 50.9N 145.6W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15	1	1															0.50-1	2	3	3	17219
≥.14	7	1	2														0.75-2	10	15	15	17219
≥.13	30	17	4	4	3												1.25-3	58	107	107	17219
≥.12	56	42	30	26	15												2.00-1	169	416	425	17219
≥.11	112	68	56	47	89	19	4	1									4.25-1	396	1398	1418	17219
≥.10	165	125	81	66	183	79	25	10	7								6.50-1	741	3575	3620	17219
≥.08	107	97	65	67	184	111	66	49	96	34							19.50-1	876	9509	9985	17219
≥.06	72	40	40	36	121	88	69	58	117	68	9	2					39.75-1	720	12402	13520	17219
≥.05	66	39	27	28	101	63	55	42	109	75	20	5					42.75-1	630	13031	14547	17219
≥.04	51	29	18	19	76	47	45	35	93	61	26	11	2				70.00-1	513	13179	15258	17219
≥.03	44	20	10	13	38	32	30	23	68	53	33	16	3				73.00-1	383	12972	15851	17219
≥.02	30	13	12	7	15	13	13	12	36	37	18	24	4	2			150.50-1	236	11921	16427	17219
≥.01	9	7	4	2	6	1	4	2	9	14	5	12	4	5	1		216.25-1	85	8834	16865	17219

Station 14 — 49.3N 174.1E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15	9	3	3		2												1.50-1	17	35	35	17219
≥.14	22	16	8	2	4												1.75-2	52	110	110	17219
≥.13	48	39	14	10	11												2.00-2	122	272	272	17219
≥.12	85	46	50	25	31	4											3.00-1	241	650	663	17219
≥.11	123	97	75	52	89	25	3	3									4.50-2	467	1626	1646	17219
≥.10	198	102	112	91	206	62	21	8	8								6.75-1	808	3656	3704	17219
≥.08	129	99	83	83	254	134	83	59	91	11							11.75-2	1025	9161	9534	17219
≥.06	87	74	69	61	195	134	91	71	150	44	3						28.50-1	945	12238	13071	17219
≥.05	63	53	54	32	148	118	84	51	128	64	10	1					42.00-1	850	13059	14176	17219
≥.04	56	42	46	23	91	91	61	50	107	76	17	9					53.50-1	669	13808	15081	17219
≥.03	50	27	22	15	52	44	38	31	77	68	24	19					55.00-1	467	13511	15793	17219
≥.02	27	15	12	10	27	14	20	13	51	44	16	17	3	2			200.00-1	272	12013	16419	17219
≥.01	6	4	3	1	7	3	1	3	10	17	6	12	3	3	2		247.25-1	81	8327	16942	17219

Station 15 — 49.0N 128.4W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15																					17219
≥.14	4	2															0.50-2	6	8	8	17219
≥.13	15	10	3		1												1.50-1	29	50	50	17219
≥.12	41	28	13	7	5												2.00-2	94	198	198	17219
≥.11	57	54	25	22	50	8											2.75-2	216	695	695	17219
≥.10	94	67	52	45	105	41	8	5	1								5.75-1	418	1854	1885	17219
≥.08	154	103	69	55	169	114	52	30	52	9							17.00-1	807	6141	6378	17219
≥.06	170	108	87	54	181	116	85	56	96	33							19.25-1	986	9875	10242	17219
≥.05	152	116	76	58	168	97	92	50	108	45	8						25.75-1	970	11308	11860	17219
≥.04	167	98	66	60	141	90	68	43	106	65	11	3					40.75-1	916	12417	13081	17219
≥.03	125	92	60	35	96	80	53	44	101	70	13	8					47.00-1	777	12995	14186	17219
≥.02	97	54	43	16	73	36	28	25	62	70	19	22	1				70.75-1	546	13354	15324	17219
≥.01	30	26	9	8	15	14	5	8	26	32	15	22	8	2			137.00-1	220	11825	16413	17219

Station 17 — 45.8N 139.3E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15																					17217
≥.14	2																0.25-2	2	2	2	17217
≥.13	3	1	2														0.75-2	4	9	9	17217
≥.12	5	3	2	1													1.00-1	11	21	21	17217
≥.11	25	8	2		6												1.75-1	42	84	84	17217
≥.10	68	44	17	9	16	4											2.75-1	158	378	379	17217
≥.08	137	184	128	67	137	60	23	6	9								9.25-1	939	3763	3842	17217
≥.06	178	147	129	100	265	153	83	42	55	16							15.25-2	1168	8665	8882	17217
≥.05	157	134	118	108	279	156	102	48	87	19							15.50-2	1206	10174	10561	17217
≥.04	170	123	96	93	274	170	105	52	111	17	2						30.50-1	1214	11308	11809	17217
≥.03	154	100	101	79	243	167	92	59	127	26	3						30.50-1	1154	11904	12606	17217
≥.02	141	94	75	55	203	157	115	61	127	39	6						45.00-1	1048	12642	13499	17217
≥.01	127	72	51	41	153	112	125	62	129	45	11	6					45.00-1	891	12814	13970	17217

Station 18 — 45.6N 144.2W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15	2	1															0.50-1	3	4	5	17218
≥.14	9	3															0.50-3	12	15	17	17218
≥.13	25	12	3	1	3												1.75-1	44	80	84	17218
≥.12	50	39	24	18	11	1											3.00-1	143	345	349	17218
≥.11	99	71	35	48	77	18	4										4.00-1	352	1237	1260	17218
≥.10	152	93	67	81	165	70	22	12	2	1							11.00-1	665	3237	3298	17218
≥.08	80	60	48	50	172	101	59	48	99	28	3						28.75-1	748	9024	9491	17218
≥.06	76	45	48	38	121	80	64	37	127	54	14	2					32.50-1	706	11889	12950	17218
≥.05	60	35	35	44	103	70	59	36	120	62	16	6					50.00-1	645	12672	14086	17218
≥.04	54	23	20	28	83	58	36	33	90	68	14	14	1				65.25-1	522	13095	14904	17218
≥.03	48	25	11	19	62	35	27	24	68	61	15	19	2	1			138.25-1	417	13002	15539	17218
≥.02	35	11	8	5	24	20	13	15	48	42	16	15	5	2	1		198.25-1	260	11941	16203	17218
≥.01	16	8	3	2	9	4	3	6	16	21	5	14	7	2	1		235.00-1	117	8952	16770	17218

Station 20 — 44.2N 152.7W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15	4	1															0.50-1	5	6	7	17218
≥.14	14	4		1													1.00-1	19	26	28	17218
≥.13	33	16	6	1	4												1.50-2	60	109	114	17218
≥.12	63	49	29	16	14	1											2.50-1	172	408	417	17218
≥.11	122	79	46	61	80	13	4	1									4.75-1	406	1335	1354	17218
≥.10	168	118	106	83	178	91	7	5									9.50-1	736	3415	3494	17218
≥.08	163	88	74	52	188	103	75	37	105	25	1						25.75-1	889	9141	9634	17218
≥.06	90	54	53	40	138	82	54	65	120	64	6	1					35.25-1	765	11857	12573	17218
≥.05	83	54	41	36	96	75	46	48	121	66	13	6					41.25-1	687	12489	14062	17218
≥.04	60	24	48	27	82	48	43	48	101	73	14	10					53.25-1	589	12489	14838	17218
≥.03	48	23	30	18	60	35	36	21	82	62	19	16					58.25-1	450	12192	15519	17218
≥.02	31	19	10	13	38	19	12	45	48	18	15	4	2				127.00-1	280	11452	16239	17218
≥.01	5	1	6	1	4	3	1	8	4	12	19	10	5	1	4		237.50-1	92	6920	16812	17218

Station 21 — 43.7N 128.7W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥.15	3																0.25-3	3	3	3	17219
≥.14	6	2															0.50-2	8	10	10	17219
≥.13	22	9	2	2	1												1.75-1	36	61	61	17219
≥.12	39	28	17	5	6	2											2.50-1	97	221	221	17219
≥.11	50	38	32	28	35	6		1									4.25-1	190	616	617	17219
≥.10	95	60	52	36	86	31	7	3	5								7.75-1	375	1626	1654	17219
≥.08	148	93	71	68	163	99	63	30	41	10							15.75-1	766	5907	6149	17219
≥.06	149	95	68	79	[illegible]	117	79	51	101	27	2	1					32.25-1	[illegible]	[illegible]	[illegible]	17219
≥.05	175	94	72	56	187	112	77	57	121	37	4	1					32.50-1	[illegible]	[illegible]	[illegible]	17219
≥.04	[illegible]	65	72	54	147	98	75	56	123	51	7	2					34.00-1	[illegible]	[illegible]	[illegible]	17219
≥.03	149	55	47	30	109	61	61	45	123	61	17	5					47.50-1	765	[illegible]	[illegible]	17219
≥.02	100	27	32	19	67	36	22	39	83	74	16	16	2				81.25-1	533	[illegible]	[illegible]	17219
≥.01	22	11	11	6	18	11	2	8	22	41	24	19	7	2			133.00-1	204	11959	[illegible]	17219

2

ANNUAL

WAVE SLOPE (α) [

22 — 42.8N 167.5W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15		1															0.50- 1	1	2	2	17219
≥.14	9	5	1														0.75- 1	15	22	22	17219
≥.13	29	14	6	5													1.00- 5	54	95	96	17219
≥.12	54	28	19	15	13												2.00- 1	129	299	308	17219
≥.11	123	69	53	38	59	13			1								5.25- 1	354	1065	1086	17219
≥.10	180	101	92	71	145	55	19	4	9								7.00- 1	679	2991	3049	17219
≥.08	133	96	76	76	237	144	70	44	75	21	2						29.00- 2	974	9011	9457	17219
≥.06	70	54	68	62	151	125	79	53	116	49	8	2					48.75- 1	843	12190	13079	17219
≥.05	78	37	28	51	132	103	70	48	119	68	9	5					49.00- 1	748	13054	14173	17219
≥.04	70	30	21	32	95	72	60	42	121	68	16	7					49.25- 1	634	13325	14980	17219
≥.03	57	28	16	16	53	45	41	30	94	61	19	12	3				65.50- 1	470	13060	15709	17219
≥.02	29	11	13	10	21	22	17	12	61	35	18	17	3	1	2		211.00- 1	272	12392	16364	17219
≥.01	8	6	1	4	2	5	8	3	18	15	9	7	1	3	2		328.50- 1	92	7573	16886	17219

DAYS DURATION OF EVENTS

23 — 42.4N 172.1E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	10	3	3														0.75- 3	16	25	28	17218
≥.14	20	8	5	2	1												1.25- 1	36	64	73	17218
≥.13	35	27	10	5	5												1.75- 2	82	169	182	17218
≥.12	88	60	24	14	17	5											3.00- 2	208	490	504	17218
≥.11	110	87	75	47	54	22	3		1								6.00- 1	399	1315	1349	17218
≥.10	196	129	118	86	160	55	14	4	7								6.25- 2	769	3114	3189	17218
≥.08	150	114	118	91	269	141	70	43	75	8							13.50- 1	1079	8540	8951	17218
≥.06	111	80	91	82	237	138	101	61	118	31	3						26.00- 1	1051	11550	12376	17218
≥.05	91	65	70	65	202	115	84	70	132	44	9						30.00- 1	947	12592	13679	17218
≥.04	91	50	50	48	146	112	64	54	134	41	15	8					57.00- 1	813	13133	14620	17218
≥.03	75	39	44	26	100	74	46	39	97	61	16	12	2				71.00- 1	631	13480	15421	17218
≥.02	50	27	16	8	36	43	25	19	57	52	12	16	3	1			114.75- 1	365	11516	16224	17218
≥.01	17	8	4	3	13	2	4	3	26	23	6	11	1	1	1		239.25- 1	123	6557	16901	17218

DAYS DURATION OF EVENTS

25 — 40.2N 131.2E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																					17218
≥.14																					17218
≥.13																					17218
≥.12	3		1														0.75- 1	4	6	6	17218
≥.11	6	7	6	1													1.00- 1	20	42	42	17218
≥.10	53	13	16	8	7	2											2.75- 1	99	223	223	17218
≥.08	182	121	108	44	100	36	12	3	8								7.25- 1	614	2310	2335	17218
≥.06	258	184	145	91	229	104	44	30	27	4							15.25- 1	1096	5963	6095	17218
≥.05	229	171	150	120	280	133	63	38	46	4							16.00- 1	1234	7687	7928	17218
≥.04	285	182	187	122	295	151	75	45	58	9							17.25- 1	1390	9000	9286	17218
≥.03	282	182	149	100	287	156	91	48	70	15	1						27.00- 1	1381	9896	10232	17218
≥.02	262	168	134	98	273	148	92	55	89	22	3						27.50- 1	1324	10911	11400	17218
≥.01	210	144	96	71	170	113	78	62	98	36	4	4					48.50- 1	1086	11312	12241	17218

DAYS DURATION OF EVENTS

26 — 39.5N 153.8E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15				1													1.00- 1	1	4	4	17220
≥.14	1	2			1												1.50- 1	4	11	13	17220
≥.13	11	6	4		1												2.00- 1	22	43	45	17220
≥.12	45	26	11	9	2	1											2.50- 1	94	188	193	17220
≥.11	70	55	41	17	24	4											2.75- 2	211	548	555	17220
≥.10	156	100	105	49	98	18	4										4.00- 1	530	1693	1726	17220
≥.08	196	161	167	130	283	140	57	22	13								9.25- 1	1169	6322	6472	17220
≥.06	181	118	135	100	350	184	123	53	69	6							15.00- 1	1319	10205	10538	17220
≥.05	133	113	108	92	290	189	125	71	105	14	2						20.75- 1	1242	11671	12123	17220
≥.04	135	97	81	72	237	148	131	68	129	31	3	1					37.75- 1	1133	12631	13346	17220
≥.03	121	70	44	45	169	110	79	57	137	52	7	6					54.25- 1	897	13312	14375	17220
≥.02	78	40	22	19	92	63	50	29	108	64	12	8	3	1			124.50- 1	589	13216	15468	17220
≥.01	33	15	11	9	19	11	14	11	42	28	12	10	3	3	2		206.75- 1	223	10531	16508	17220

DAYS DURATION OF EVENTS

28 — 36.1N 123.8W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																					17219
≥.14																					17219
≥.13	1																0.25- 1	1	1	1	17219
≥.12	1		2														0.75- 2	3	7	7	17219
≥.11	16	5	4		1												1.25- 1	26	43	43	17219
≥.10	80	37	36	16	22												2.00- 2	191	461	463	17219
≥.08	297	148	119	67	195	102	50	21	26								9.00- 2	1025	5279	5366	17219
≥.06	214	131	87	46	169	145	66	59	99	25	4	2					44.50- 1	1047	10324	10828	17219
≥.05	216	97	91	43	144	121	75	46	117	34	12	2					47.75- 1	998	11661	12451	17219
≥.04	213	90	65	43	113	100	67	39	124	44	13	6					48.50- 1	917	12569	13589	17219
≥.03	167	82	58	28	83	64	49	35	109	60	20	10					50.75- 1	764	13097	14488	17219
≥.02	105	50	27	16	64	39	39	22	83	51	22	14	3				78.50- 1	535	12706	15422	17219
≥.01	51	34	16	5	20	19	14	4	42	37	15	18	3		5		161.75- 1	283	11939	16307	17219

DAYS DURATION OF EVENTS

29 — 35.9N 171.0W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	1																0.25- 1	1	1	1	17220
≥.14	3	1															0.50- 1	4	5	5	[illegible]
≥.13	9	6															0.50- 6	15	21	21	[illegible]
≥.12	23	7	7	5	3												1.75- 1	45	95	99	[illegible]
≥.11	58	33	18	10	13	2											2.75- 1	134	312	316	[illegible]
≥.10	106	83	51	38	66	16	5			1							5.75- 1	366	1211	1222	[illegible]
≥.08	182	96	101	64	183	97	30	26	35	5							16.00- 1	819	5177	[illegible]	[illegible]
≥.06	179	132	101	85	240	124	75	40	75	20	2						24.00- 1	1073	[illegible]	[illegible]	[illegible]
≥.05	164	98	96	79	226	142	81	47	96	25	3	1					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	215	77	71	58	222	113	82	55	108	30	7	2					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	162	88	45	50	163	92	75	43	104	43	10	4	2				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	124	55	53	18	97	63	48	37	89	43	9	11	2	2			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	54	30	13	7	27	16	21	14	36	44	14	8	2	5	1		[illegible]	292	[illegible]	[illegible]	[illegible]

DAYS DURATION OF EVENTS

31 — 35.6N 155.2W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																					17218
≥.14	2																0.25- 2	2	2	2	17218
≥.13	10	2	1														0.75- 1	13	17	17	17218
≥.12	36	8	9	2	3												1.50- 1	58	103	103	17218
≥.11	58	24	24	22	21	4	1										3.25- 1	154	453	457	17218
≥.10	96	74	46	25	68	23	8	3	2								7.75- 1	345	1355	1365	17218
≥.08	138	77	79	56	178	83	31	26	31	11		1					32.25- 1	712	5191	5412	17218
≥.06	173	106	81	78	212	102	52	43	72	22	2	2					33.00- 2	945	8479	9056	17218
≥.05	187	126	81	67	219	110	68	41	90	25	5	2					33.25- 1	1021	9813	10646	17218
≥.04	191	99	93	67	188	102	70	46	111	29	9	1					33.75- 1	1004	10744	11993	17218
≥.03	149	63	69	61	139	98	61	40	104	41	16	4					42.00- 1	844	11496	13166	17218
≥.02	120	51	31	37	94	52	41	31	105	44	14	12	1	1			99.50- 1	634	12042	14423	17218
≥.01	70	23	17	11	43	24	17	12	40	29	18	11	3	4			166.75- 1	322	10560	15715	17218

DAYS DURATION OF EVENTS

32 — 35.4N 142.0W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.14	1																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	1	3															[illegible]	4	[illegible]	[illegible]	[illegible]
≥.12	18	5	3	1	1												[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	31	17	15	8	11												[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	75	44	30	29	42	8	5	2	1								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	120	74	72	71	128	50	34	12	30	7							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	145	65	62	70	201	93	66	37	71	13	4						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	168	79	58	50	179	129	57	47	109	17	3	1					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	196	88	64	44	158	118	68	52	96	31	5	2					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	183	79	66	44	131	85	71	45	92	45	5	4	1				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	177	69	45	38	109	66	60	41	86	53	11	6	2				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	108	35	35	21	64	33	28	25	71	56	13	8	4	2			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DAYS DURATION OF EVENTS

34 — 34.2N 155.1E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																					17220
≥.14	1																0.25- 1	1	1	1	17220
≥.13	3	1															0.50- 1	4	5	5	17220
≥.12	8	1	3	2													1.00- 2	14	27	27	17220
≥.11	30	19	4	7	6	1											2.50- 1	67	156	161	17220
≥.10	110	59	32	23	35	5	2										3.50- 1	266	699	717	17220
≥.08	185	145	122	102	228	76	33	13	11	1							10.25- 1	916	4485	4591	17220
≥.06	192	130	105	90	338	163	83	44	46	4							14.25- 1	1193	8450	8711	17220
≥.05	188	120	107	90	308	199	93	66	62	14							17.00- 1	1248	10163	10552	17220
≥.04	208	109	98	82	267	195	94	75	105	21	2						21.25- 1	1234	11500	12056	17220
≥.03	152	86	83	57	183	147	92	69	134	36	3	1					47.50- 1	1043	12323	13326	17220
≥.02	98	61	45	25	113	86	67	52	111	57	16	6	1				78.00- 1	738	13164	14660	17220
≥.01	47	27	11	13	35	19	20	14	52	53	18	17	1		3		135.50- 1	330	11889	16077	17220

DAYS DURATION OF EVENTS

35 — 34.2N 163.8E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	1																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.14	2	1															[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	4			1	2												[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	10	4	2	2	1												[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	44	19	15	4	10	1											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	125	67	38	24	42	13											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	182	144	117	101	250	90	41	23	12	1							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	184	121	108	112	308	153	83	51	60	7	1	1					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	168	108	99	72	286	162	102	60	88	18	1	1					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	168	92	90	54	227	162	113	66	119	30	4						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	138	58	59	51	148	127	98	60	118	42	12	2					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	94	42	34	29	90	75	54	38	113	53	20	7	1				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	46	24	15	10	32	21	23	14	49	41	10	11	4	4			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DAYS DURATION OF EVENTS

37 — 32.9N 119.4W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																					17217
≥.14																					17217
≥.13																					17217
≥.12																					17217
≥.11																					17217
≥.10	17	5	1	1	1												1.25- 1	25	39	39	17217
≥.08	238	108	83	41	86	33	7	1	3								8.25- 1	618	1940	1950	17217
≥.06	383	239	138	55	236	121	61	35	48	7	1						22.50- 1	1311	7456	7652	17217
≥.05	370	222	142	50	221	123	74	43	79	18	3						28.25- 1	1349	9417	9759	17217
≥.04	433	218	114	42	198	124	90	48	95	26	6	2					41.50- 1	1394	11014	11594	17217
≥.03	382	182	117	30	180	113	92	46	112	29	7	5					55.75- 1	1288	11950	12686	17217
≥.02	309	139	107	30	129	92	82	45	128	41	8	6	1				68.75- 1	1112	12767	13852	17217
≥.01	223	95	78	27	91	50	52	35	124	46	7	10	3	1			96.50- 1	842	12913	14755	17217

DAYS DURATION OF EVENTS

38 — 31.5N 127.7W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																					[illegible]
≥.14																					[illegible]
≥.13																					[illegible]
≥.12	2																0.25- 2	2	2	2	[illegible]
≥.11	5	3	1	1													1.00- 1	10	11	11	[illegible]
≥.10	27	19	10	6	3												1.75- 1	65	[illegible]	[illegible]	[illegible]
≥.08	177	77	48	41	142	44	28	7	4								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	238	97	88	54	197	110	60	46	71	12	1						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	238	108	70	49	178	118	80	48	102	19	3	1					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	288	109	58	36	138	118	80	44	133	27	6	1					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	238	104	58	38	98	83	72	52	128	53	11						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	188	71	53	24	76	53	46	41	102	56	26	7					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	79	27	21	8	24	23	18	22	65	40	28	22	4	1			94.50- 1	[illegible]	[illegible]	[illegible]	[illegible]

DAYS DURATION OF EVENTS

40 — 29.6N 165.0W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																					17219
≥.14	1																0.25- 1	1	1	1	17219
≥.13	1	1															0.50- 1	2	3	3	17219
≥.12	4		2	1													1.00- 1	8	16	16	17219
≥.11	20	5	2	3	3												1.75- 1	33	65	68	17219
≥.10	42	26	20	13	21	3											2.75- 1	125	360	366	17219
≥.08	146	72	42	44	97	60	20	12	17	5							17.25- 1	514	3010	3049	17219
≥.06	263	97	97	67	189	99	59	35	55	16							17.75- 1	971	7056	7327	17219
≥.05	271	108	88	71	214	108	74	42	68	29	1						22.50- 1	1072	[illegible]	[illegible]	17219
≥.04	300	126	74	66	188	120	71	47	90	40	3						30.00- 1	1130	10322	[illegible]	17219
≥.03	218	110	71	55	158	107	82	40	114	50	7	2					43.00- 1	992	11497	[illegible]	17219
≥.02	186	68	42	38	129	68	51	32	100	58	17	4					46.00- 1	793	[illegible]	[illegible]	17219
≥.01	81	31	15	18	38	32	18	17	58	38	19	18	3	2	1		191.00- 1	375	[illegible]	15914	17219

DAYS DURATION OF EVENTS

41 — 29.4N 134.9E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																					17220
≥.14																					17220
≥.13				1													1.00- 1	1	4	4	17220
≥.12	4	1			2												[illegible]	6	11	11	17220
≥.11	11	1		1	2												1.75- 1	15	29	29	17220
≥.10	41	13	11	7	4	2		1									4.50- 1	79	190	190	17220
≥.08	140	90	78	49	111	29	14	6	9								7.25- 1	528	[illegible]	[illegible]	17220
≥.06	233	136	96	108	241	107	73	23	43	3							13.00- 1	1050	[illegible]	[illegible]	17220
≥.05	285	152	101	69	298	142	75	44	55	8							[illegible]	1211	[illegible]	[illegible]	17220
≥.04	282	151	110	77	279	158	80	54	76	16							[illegible]	1269	[illegible]	[illegible]	17220
≥.03	268	142	92	85	235	144	82	64	112	27							[illegible]	1237	[illegible]	[illegible]	17220
≥.02	188	99	87	65	177	118	87	51	142	47	3	1					[illegible]	1050	[illegible]	[illegible]	17220
≥.01	94	57	34	23	69	41	40	27	119	63	20	10					[illegible]	593	[illegible]	[illegible]	17220

DAYS DURATION OF EVENTS

WAVE SLOPE (α) DURATIONS (Cont'd)

23 — 42.4N 172.1E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	10	3	3														0.75- 3	16	25	28	17218
≥.14	20	8	5	2	1												1.25- 1	36	64	73	17218
≥.13	35	27	10	5	5												1.75- 2	82	169	182	17218
≥.12	88	60	24	14	17	5											3.00- 2	208	490	504	17218
≥.11	110	87	75	47	54	22	3		1								6.00- 1	399	1315	1349	17218
≥.10	196	129	118	86	160	55	14	4	7								6.25- 2	769	3114	3189	17218
≥.08	150	114	118	91	269	141	70	43	75	8							13.50- 1	1079	8540	8951	17218
≥.06	111	80	91	82	237	138	101	61	118	31	3						26.00- 1	1051	11550	12376	17218
≥.05	91	65	70	65	202	115	84	70	132	44	9						30.00- 1	947	12592	13679	17218
≥.04	91	50	50	48	146	112	64	54	136	41	15	8					57.00- 1	813	13133	14620	17218
≥.03	75	39	44	26	100	74	46	39	97	61	16	12	2				71.00- 1	631	13480	15421	17218
≥.02	50	27	16	8	36	43	25	19	57	52	12	16	3	1			114.75- 1	365	11516	16224	17218
≥.01	17	8	4	3	13	2	4	3	26	23	6	11	1	1	1		239.25- 1	123	6557	16901	17218

DAYS DURATION OF EVENTS

24 — 41.0N 134.9W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15	2																0.25- 2	2	2	2	17219
≥.14	2	2	1														0.75- 1	5	9	9	17219
≥.13	9	4	3														0.75- 3	16	26	26	17219
≥.12	32	19	7	6	4	1											2.25- 1	69	147	147	17219
≥.11	62	34	29	17	33	5	1										4.00- 1	181	547	547	17219
≥.10	118	73	44	38	85	24	5	7	3								6.25- 1	397	1607	1616	17219
≥.08	116	63	74	54	163	68	56	36	55	11							16.75- 1	696	5949	[illegible]	17219
≥.06	128	78	59	56	167	100	69	43	88	34	4	1					32.00- 1	825	[illegible]	[illegible]	17219
≥.05	169	86	69	55	145	84	71	49	100	39	8	3					40.50- 1	878	10509	[illegible]	17219
≥.04	143	84	66	51	132	73	59	57	108	42	12	6					48.50- 1	833	[illegible]	[illegible]	17219
≥.03	120	60	53	39	128	61	51	42	102	47	13	12	1				63.75- 1	725	[illegible]	[illegible]	17219
≥.02	86	40	29	21	86	43	38	28	83	53	12	13	5	1			90.75- 1	538	12680	[illegible]	17219
≥.01	52	19	16	6	30	15	12	9	49	41	16	17	2	5			146.25- 1	289	11207	16011	17219

DAYS DURATION OF EVENTS

26 — 39.5N 153.8E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15				1													1.00- 1	1	4	4	17220
≥.14	1	2			1												1.50- 1	4	11	13	17220
≥.13	11	6	4		1												2.00- 1	22	43	45	17220
≥.12	45	26	11	9	2	1											2.50- 1	94	188	193	17220
≥.11	70	55	41	17	24	4											2.75- 2	211	548	555	17220
≥.10	156	100	105	49	98	18	4										4.00- 1	530	1693	1726	17220
≥.08	198	181	167	130	283	140	57	22	13								9.25- 1	1169	6322	6472	17220
≥.06	181	118	135	100	350	184	123	53	69	6							15.00- 1	1319	10205	10538	17220
≥.05	133	113	108	92	290	189	125	71	105	14	2						20.75- 1	1242	11671	12123	17220
≥.04	135	97	81	72	237	148	131	68	129	31	3	1					37.75- 1	1133	12631	13346	17220
≥.03	121	70	44	45	169	110	79	57	137	52	7	6					54.25- 1	897	13332	14375	17220
≥.02	78	40	22	19	92	63	50	29	108	64	12	8	3	1			124.50- 1	589	13216	15468	17220
≥.01	33	15	11	9	19	11	14	11	42	28	12	10	3	3	2		206.75- 1	223	10531	16508	17220

DAYS DURATION OF EVENTS

27 — 36.2N 127.4W

DAYS DURATION OF EVENTS

29 — 35.9N 171.0W

DAYS DURATION OF EVENTS

30 — 35.7N 176.1E

DAYS DURATION OF EVENTS

32 — 35.4N 142.0W

DAYS DURATION OF EVENTS

33 — 34.6N 145.9E

DAYS DURATION OF EVENTS

35 — 34.2N 163.8E

DAYS DURATION OF EVENTS

36 — 33.7N 123.9E

DAYS DURATION OF EVENTS

38 — 31.5N 127.7W

DAYS DURATION OF EVENTS

39 — 29.9N 177.3W

DAYS DURATION OF EVENTS

41 — 29.4N 134.9E

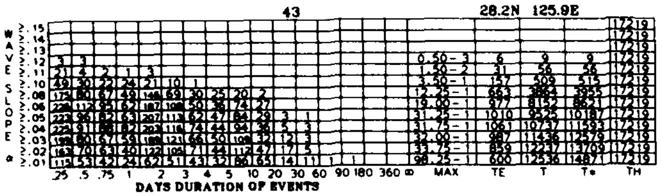
DAYS DURATION OF EVENTS

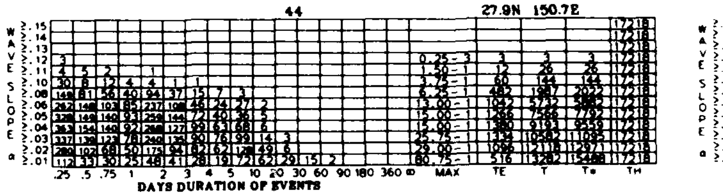
42 — 28.6N 139.2W

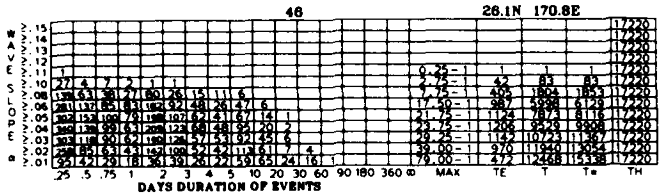
DAYS DURATION OF EVENTS

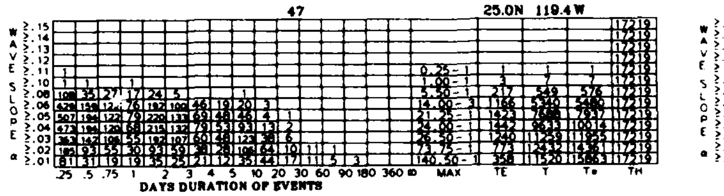
4

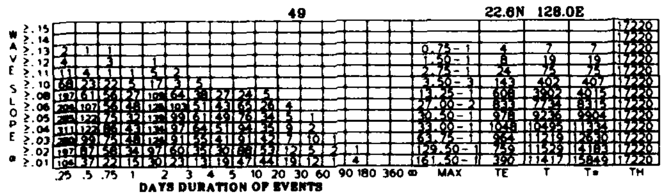
WAVE SLOPE (α) DURATIONS (Cont'd)

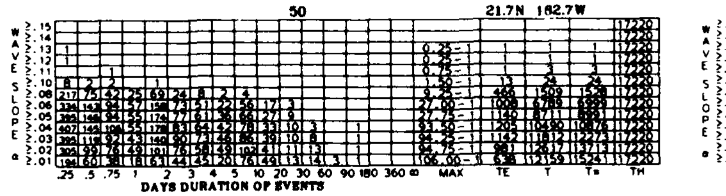


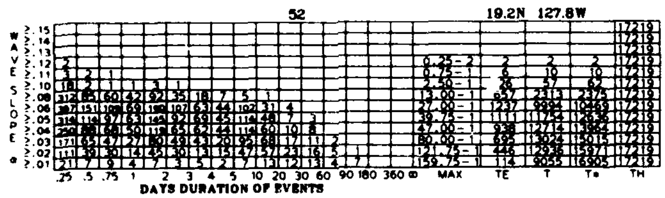


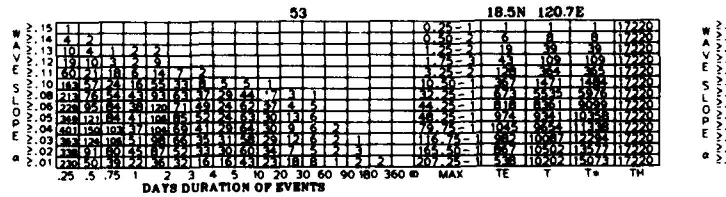


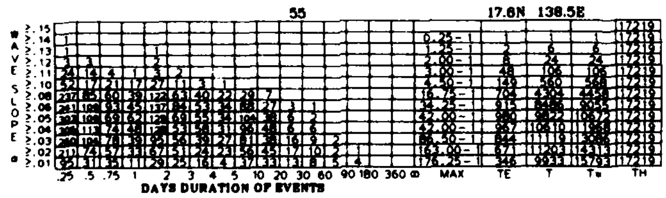


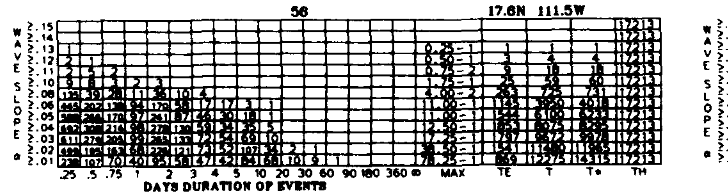


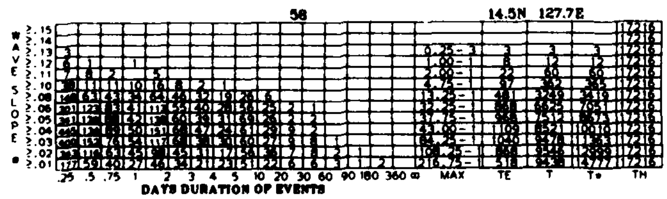


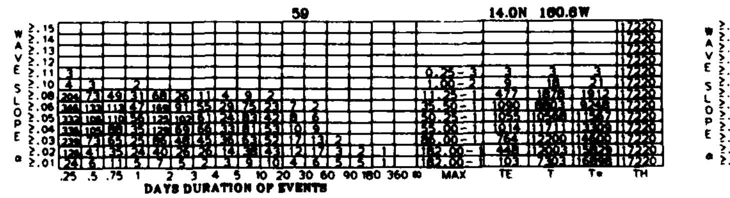


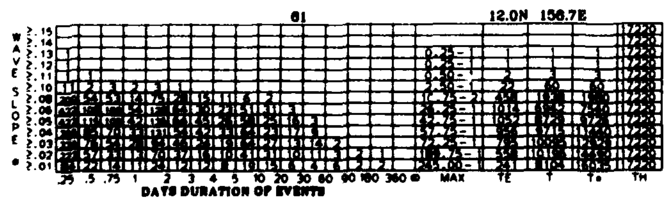


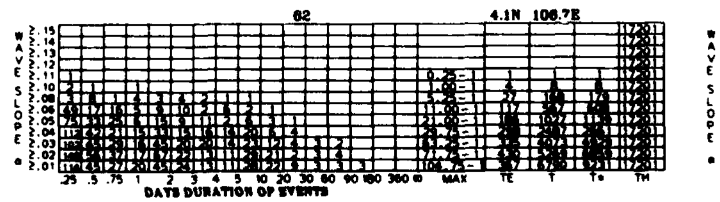












44 27.9N 150.7E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					17218
≥.14																					17218
≥.13																					17218
≥.12	3																0.25-3	3	3	3	17218
≥.11	4	5	2		1												1.50-1	12	26	26	17218
≥.10	30	8	12	4	4	1	1										3.75-1	60	144	144	17218
≥.08	149	81	56	40	94	37	15	7	3								6.25-1	482	1987	2022	17218
≥.06	282	148	103	85	237	108	46	24	27	2							13.00-1	1042	5732	5882	17218
≥.05	328	149	140	93	258	144	72	40	36	5							15.00-1	1266	7566	7792	17218
≥.04	363	154	140	92	268	127	99	63	68	6							15.00-1	1380	9193	9559	17218
≥.03	337	138	123	78	240	135	90	76	99	14	3						25.75-1	1334	10582	11095	17218
≥.02	280	102	68	50	175	94	82	62	128	49	6						29.00-1	1096	12118	12971	17218
≥.01	112	33	30	25	48	41	28	19	72	62	29	15	2				80.75-1	516	13282	15488	17218

DAYS DURATION OF EVENTS

45 27.8N 145.6W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					17219
≥.14																					17219
≥.13																					17219
≥.12																					17219
≥.11	6	3	2		1												1.25-1	12	21	21	17219
≥.10	18	14	11	4	9												2.00-1	56	154	154	17219
≥.08	144	62	45	19	77	43	12	18	11								6.50-1	431	2176	2181	17219
≥.06	281	131	91	76	187	101	46	30	67	19							16.00-1	1009	7221	7257	17219
≥.05	262	111	81	66	164	116	73	37	81	35	1	1					31.75-1	1028	9144	[illegible]	17219
≥.04	294	129	70	50	157	90	72	48	103	38	6	2					36.25-1	1059	10519	11162	17219
≥.03	253	95	66	48	128	86	67	41	111	55	10	4					36.50-1	985	11132	12532	17219
≥.02	200	63	45	47	96	58	49	37	102	67	12	9					54.75-1	785	12625	[illegible]	17219
≥.01	82	31	19	9	43	25	20	20	58	52	19	15	7	1			113.75-1	401	12646	15872	17219

DAYS DURATION OF EVENTS

47 25.0N 119.4W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					17219
≥.14																					17219
≥.13																					17219
≥.12																					17219
≥.11	1																0.25-1	1	1	1	17219
≥.10	1	1		1													1.00-1	3	7	7	17219
≥.08	108	35	27	17	24	5			1								5.50-1	217	549	576	17219
≥.06	429	159	122	76	192	100	46	19	20	3							14.00-3	1166	5340	5480	17219
≥.05	507	196	122	79	220	133	69	48	46	4	1						21.25-1	1423	7688	7937	17219
≥.04	473	194	120	68	215	132	79	53	93	13	2						24.00-1	1442	9633	10014	17219
≥.03	363	142	106	55	192	107	60	48	123	38	6						26.50-1	1240	11259	11955	17219
≥.02	185	93	55	30	93	59	38	28	106	64	10	11	1				73.75-1	773	12432	14361	17219
≥.01	81	31	19	19	35	25	21	12	35	44	17	11	5	3			140.50-1	358	11520	15863	17219

DAYS DURATION OF EVENTS

48 23.5N 151.8W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					17220
≥.14																					17220
≥.13																					17220
≥.12																					17220
≥.11																					17220
≥.10	13	5	3														0.75-3	21	32	32	17220
≥.08	142	61	43	23	66	34	14	7	10	2							12.50-1	402	1923	1933	17220
≥.06	337	133	103	56	167	87	54	32	60	20	2	2					35.25-1	1053	7575	7801	17220
≥.05	326	102	89	49	157	88	57	46	93	24	6	3					35.50-1	1039	9441	10111	17220
≥.04	336	131	93	46	159	90	62	46	93	42	7	5					35.75-1	1110	11077	12072	17220
≥.03	251	96	63	38	131	90	47	44	101	52	15	7					49.25-1	935	12132	13570	17220
≥.02	156	72	39	18	87	57	37	27	70	58	21	17	1				76.00-1	658	12867	15030	17220
≥.01	50	16	7	4	18	14	13	14	34	24	14	18	8	3			115.75-1	237	11354	16222	17220

DAYS DURATION OF EVENTS

50 21.7N 162.7W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					17220
≥.14																					17220
≥.13	1																0.25-1	1	1	1	17220
≥.12	1																0.25-1	1	1	1	17220
≥.11			1														0.75-1	1	3	3	17220
≥.10	8	2	2		1												1.50-1	13	24	24	17220
≥.08	217	75	42	25	69	24	8	2	4								9.25-1	466	1509	1528	17220
≥.06	334	143	94	57	156	73	51	22	56	17	3						27.00-1	1008	6789	6999	17220
≥.05	395	146	94	55	174	77	61	36	66	27	9						27.75-1	1140	8711	8991	17220
≥.04	407	145	106	55	176	83	64	42	78	33	10	3		1			93.50-1	1205	10490	10876	17220
≥.03	395	119	92	43	140	90	73	46	86	39	10	8		1			94.25-1	1142	11812	12273	17220
≥.02	305	99	76	49	101	76	58	49	102	41	11	13		1			94.75-1	981	12617	13713	17220
≥.01	194	60	38	18	63	44	45	20	76	49	13	14	3	1			106.00-1	638	12159	15241	17220

DAYS DURATION OF EVENTS

51 20.5N 177.1W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					17220
≥.14																					17220
≥.13																					17220
≥.12																					17220
≥.11		1															0.50-1	1	2	2	17220
≥.10	13	1	3	1	2	1											2.25-1	21	50	50	17220
≥.08	151	54	43	21	57	29	13	9	9	2							12.75-2	[illegible]	1609	[illegible]	17220
≥.06	302	128	93	54	157	71	53	35	55	18	4	1					37.25-1	970	7221	7599	17220
≥.05	298	112	99	57	158	92	52	42	80	31	4	3					43.00-1	1029	9125	9789	17220
≥.04	318	117	82	49	150	92	54	37	109	42	5	5					43.00-2	1056	10747	11623	17220
≥.03	245	93	61	48	99	76	45	34	102	56	9	6					51.50-1	877	11219	13148	17220
≥.02	171	56	48	28	72	49	40	24	72	56	23	10	2				74.25-1	651	11795	14644	17220
≥.01	64	19	19	7	23	9	9	7	37	39	18	19	5	2			131.75-1	277	11179	16237	17220

DAYS DURATION OF EVENTS

53 18.5N 120.7E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15	1																0.25-1	1	1	1	17220
≥.14	4	2															0.50-2	6	8	8	17220
≥.13	10	4	1	2	2												1.25-2	19	39	39	17220
≥.12	19	10	3	2	9												1.75-3	43	109	109	17220
≥.11	60	21	18	6	14	7	2										3.25-2	128	364	365	17220
≥.10	163	57	24	16	55	33	8	5	5	1							10.50-1	367	1471	1484	17220
≥.08	213	76	54	43	93	63	37	29	44	17	3	1					32.25-1	673	5535	5976	17220
≥.06	229	95	84	38	120	71	49	24	62	37	4	5					44.25-1	818	8361	9089	17220
≥.05	369	121	84	41	108	85	52	24	63	30	13	6					48.25-1	974	9341	10358	17220
≥.04	401	150	103	37	109	69	41	29	64	30	9	6	2				79.75-1	1045	9654	11338	17220
≥.03	363	124	108	51	98	66	35	31	58	29	12	6	2	1			116.75-1	982	10087	12294	17220
≥.02	338	91	80	45	87	52	33	30	60	34	7	5	2	3			165.50-1	867	10502	13577	17220
≥.01	230	50	39	22	36	32	16	16	43	23	18	8	1	2	2		207.25-1	538	10202	15073	17220

DAYS DURATION OF EVENTS

54 18.2N 168.8E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15	1																0.25-1	1	1	1	17219
≥.14	2																0.25-2	2	2	2	17219
≥.13	1	1															0.50-1	2	3	3	17219
≥.12	2				1												2.00-1	3	10	10	17219
≥.11	2	2	1	1	3	1											2.25-1	10	43	43	17219
≥.10	24	7	8	4	4	7											3.00-3	54	179	184	17219
≥.08	232	62	41	26	71	49	26	14	23	2							12.25-1	546	2892	3052	17219
≥.06	328	118	83	49	158	67	58	25	63	31	4	1					30.75-1	983	7891	8666	17219
≥.05	323	108	82	58	159	82	49	34	74	42	6	3					45.25-1	1018	9512	10660	17219
≥.04	326	123	76	50	159	75	42	33	81	51	10	4					46.25-1	1019	10715	12251	17219
≥.03	271	93	65	40	107	69	45	31	74	46	18	9	1				66.50-1	869	11569	13579	17219
≥.02	188	54	30	19	75	46	35	23	79	39	21	12	1				60.50-1	622	11074	14948	17219
≥.01	58	22	11	7	22	8	15	10	37	20	11	17	8	1	1		258.50-1	248	10841	16346	17219

DAYS DURATION OF EVENTS

56 17.6N 111.5W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					17213
≥.14																					17213
≥.13	1																0.25-1	1	1	1	17213
≥.12	2	1															0.50-1	3	4	4	17213
≥.11	2	5	2														0.75-2	9	18	18	17213
≥.10	9	8	3	2	3												1.75-1	25	59	60	17213
≥.08	139	39	28	11	36	10	4										4.00-2	263	725	731	17213
≥.06	445	202	138	94	170	58	17	17	3	1							11.00-1	1145	3950	4018	17213
≥.05	588	284	170	97	241	87	46	30	18	1							11.00-1	1544	6100	[illegible]	17213
≥.04	692	308	214	98	278	130	59	34	35	5							12.50-1	1853	8075	8235	17213
≥.03	611	279	205	99	286	133	72	54	69	10							17.25-1	1797	9672	9978	17213
≥.02	499	195	163	68	228	121	73	52	107	34	2	1					38.50-1	1541	11480	11965	17213
≥.01	238	107	70	40	95	58	47	42	84	68	10	9	1				78.25-1	869	12275	14315	17213

DAYS DURATION OF EVENTS

57 14.9N 147.9E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15	1																0.25-1	1	1	1	17220
≥.14		1															0.50-1	1	2	2	17220
≥.13			1														0.75-1	1	3	3	17220
≥.12	3		2	1													1.00-1	6	13	13	17220
≥.11	4	1			4	1											2.50-1	10	42	42	17220
≥.10	46	5	10	3	7	1	2										3.75-1	74	179	179	17220
≥.08	238	68	80	37	118	42	31	16	10	1							12.75-1	742	3088	3174	17220
≥.06	445	150	109	57	159	86	58	34	68	21	2						21.25-1	1222	7788	[illegible]	17220
≥.05	556	153	127	54	188	73	63	38	74	37	2	1					32.25-1	1367	9516	[illegible]	17220
≥.04	555	151	128	52	163	83	51	37	75	32	13	4					39.00-1	1342	10528	11624	17220
≥.03	466	118	109	42	157	66	40	35	70	31	10	15					49.50-1	1158	10886	12836	17220
≥.02	344	90	81	32	114	42	43	20	58	38	9	17	4				71.50-1	892	11542	14205	17220
≥.01	151	46	28	15	32	30	14	11	27	21	12	9	5	5			155.00-1	406	9917	15814	17220

DAYS DURATION OF EVENTS

59 14.0N 160.6W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					17220
≥.14																					17220
≥.13																					17220
≥.12																					17220
≥.11	3																0.25-3	3	3	3	17220
≥.10	4	3		2													1.00-2	9	18	21	17220
≥.08	204	73	49	31	68	26	11	4	9	2							11.25-1	477	1878	1912	17220
≥.06	366	133	113	47	166	91	55	29	75	23	7	2					35.50-1	1090	[illegible]	9244	17220
≥.05	332	106	110	56	125	102	61	24	83	42	8	6					50.25-1	1055	10566	11567	17220
≥.04	338	105	[illegible]	35	120	69	66	33	81	53	10	9					55.00-1	1014	11711	13309	17220
≥.03	238	73	65	25	86	48	45	36	63	52	17	13	2				86.00-1	764	12200	14600	17220
≥.02	129	41	35	24	40	26	26	14	38	43	12	17	3	2	1		182.00-1	448	12003	15829	17220
≥.01	24	6	11	5	7	5	2	3	9	10	4	6	5	5	1		182.00-1	103	7303	16898	17220

DAYS DURATION OF EVENTS

60 12.2N 112.6E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					17220
≥.14																					17220
≥.13																					17220
≥.12	3	2	3														0.75-3	8	16	16	17220
≥.11	9	6	2	1	2	2	1										4.00-1	23	78	78	17220
≥.10	38	14	12	4	10	8	2	2	1	1							11.75-1	92	393	394	17220
≥.08	152	55	29	12	63	33	17	17	31	9	2						27.50-1	418	3220	3403	17220
≥.06	227	108	70	43	93	42	29	25	45	27	4	3					50.25-1	714	6406	6972	17220
≥.05	306	97	74	45	96	64	26	19	53	23	11	4					58.50-1	826	7617	8374	17220
≥.04	338	124	116	36	90	49	37	18	55	27	9	9		1			91.25-1	901	7769	9705	17220
≥.03	355	113	90	37	82	39	34	20	51	36	8	5	3	1			84.75-1	674	8951	10959	17220
≥.02	300	103	76	29	69	52	28	21	52	31	11	4	3	2			108.25-1	783	9401	12172	17220
≥.01	226	85	55	19	55	33	23	13	49	29	13	8	2	4			127.75-1	614	9935	13254	17220

DAYS DURATION OF EVENTS

62 4.1N 106.7E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					17201
≥.14																					17201
≥.13																					17201
≥.12																					17201
≥.11	1																0.25-1	1	1	1	17201
≥.10	2	1		1													1.00-1	4	8	8	17201
≥.08	3	8	1	4	3	4	2	1	1								5.25-1	27	168	170	17201
≥.06	49	17	16	5	9	10	2	6	2	1							11.00-1	117	567	608	17201
≥.05	75	33	25	6	15	9	11	2	6	3	1						21.00-1	186	1027	1139	17201
≥.04	112	42	21	15	33	15	16	14	20	6	4						29.75-1	298	2487	2861	17201
≥.03	102	45	29	16	45	20	20	14	23	12	4	3	2				63.25-1	335	4071	4929	17201
≥.02	146	56	37	17	67	22	13	11	28	21	2	3	4				71.75-1	430	5269	6859	17201
≥.01	114	45	27	20	45	24	13	11	28	22	9	3	3	3			104.75-1	367	6790	9231	17201

DAYS DURATION OF EVENTS

63 2.1N 123.6E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																					[illegible]
≥.14																					[illegible]
≥.13																					[illegible]
≥.12																					[illegible]
≥.11																					[illegible]
≥.10																					[illegible]
≥.08	1																0.25-1	1	1	1	[illegible]
≥.06	5	1	2														0.75-2	8	13	15	[illegible]
≥.05	16	2	3	1	2												1.25-2	22	37	[illegible]	[illegible]
≥.04	57	11	7	5	11	3	2		4								7.75-1	100	[illegible]	370	[illegible]
≥.03	108	33	25	15	35	26	10	10	20	4	2						21.75-1	273	2160	2225	[illegible]
≥.02	128	46	43	25	62	27	25	7	31	25	6	4					41.00-1	429	5033	5580	[illegible]
≥.01	102	37	25	28	41	21	14	8	23	15	10	9	3	2			124.50-1	[illegible]	[illegible]	[illegible]	[illegible]

DAYS DURATION OF EVENTS

2

WINTER

WAVE SL

1 — 64.0N 166.7W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																8	SEA- 8	8	2844	4369	4369
≥.14																9	SEA- 8	9	3060	4523	4527
≥.13												1		1		9	SEA- 8	11	[illegible]	[illegible]	[illegible]
≥.12					1							1		1	1	12	SEA- 8	16	[illegible]	[illegible]	[illegible]
≥.11	1	2		2	2		1	2	1		1	2	2			27	SEA- 6	43	4197	[illegible]	5877
≥.10	21	10	7	8	7	3	4	5	3	3	4	2	1	1	4	60	2034-	143	4229	4644	5017
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	4	5	3	7	[illegible]	402- 1	287	2127	2190	[illegible]
≥.06	30	23	22	27	14	11	12	10	3	5	4	2	1	4	1	9	234- 1	178	965	976	4351
≥.05	25	28	31	13	13	10	8	1	4	3	3	1	2	2	3	3	115-	174	[illegible]	709	4335
≥.04	51	28	21	12	9	12	4	2	4	4	2	2			1	1	104- 1	153	536	539	4335
≥.03	43	28	19	15	12	3	4	3	4	1	1			1			84- 1	132	413	416	4333
≥.02	42	20	18	6	9	2	4	3	1		1			1			84-	107	303	306	4333
≥.01	19	15	12	3	2	1	2	3			1			1			84- 1	59	176	179	4333

HOURS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

HOURS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

HOURS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

HOURS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 156.8W

HOURS INTERVAL BETWEEN EVENTS

13 — 50.3N 171.3W

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

HOURS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

HOURS INTERVAL BETWEEN EVENTS

17 — 45.6N 139.3E

HOURS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

HOURS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) INTERVALS

2 — 59.4N 172.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-7	9	3001	4674	4677
≥.14									1							12	SEA-6	13	2937	4797	4814
≥.13								1	1			1				19	SEA-7	22	[illegible]	[illegible]	[illegible]
≥.12	2			3	2		3	1	1	1	2					[illegible]	SEA-6	50	5014	[illegible]	[illegible]
≥.11	6	3	3	4	1	5	6		4	3	6	2	2		2	52	SEA-4	99	4749	[illegible]	[illegible]
≥.10	21	10	11	5	12	15	13	9	5	7	9	5	7	2	3	57	[illegible]	191	3351	[illegible]	[illegible]
≥.08	37	25	28	29	14	16	17	10	4	5	8	7	8	4	2	26	[illegible]	230	1726	1739	[illegible]
≥.06	39	25	26	18	15	14	14	9	2	3	6	1		2	2	5	[illegible]	181	[illegible]	[illegible]	[illegible]
≥.05	51	35	19	21	15	11	5	3	4	4	2	1	1		1	2	126-1	171	[illegible]	[illegible]	[illegible]
≥.04	53	40	21	13	10	7	6	1	2	1	1	2	1			1	102-1	155	467	470	[illegible]
≥.03	42	32	16	10	7	4	3	2	1	1	1		1				78-1	120	333	336	4331
≥.02	43	14	8	8	5	4	1		1								54-1	86	192	195	4331
≥.01	12	5	5	3	1	3											36-3	29	72	73	4331

HOURS INTERVAL BETWEEN EVENTS

3 — 56.5N 151.6W

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

HOURS INTERVAL BETWEEN EVENTS

6 — 54.9N 167.1W

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

HOURS INTERVAL BETWEEN EVENTS

9 — 51.7N 156.8E

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 156.8W

HOURS INTERVAL BETWEEN EVENTS

12 — 50.9N 145.6W

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

HOURS INTERVAL BETWEEN EVENTS

15 — 49.0N 128.4W

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

HOURS INTERVAL BETWEEN EVENTS

18 — 45.6N 144.2W

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

HOURS INTERVAL BETWEEN EVENTS

21 — 43.7N 128.7W

HOURS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) INTERVALS (Cont'd)

22 — 42.8N 167.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-8	9	3218	4663	4665
≥.14							1					1				14	SEA-7	16	3322	5091	5103
≥.13	2	1		1						1		1	1			26	SEA-6	33	3937	5863	5910
≥.12	4	3		4		1	1	1	2	1	4	1		1	2	44	SEA-2	69	3923	5173	5321
≥.11	19	15	14	6	8	4		10	6	4	2	6	3	6	4	73	1752-1	180	4014	4192	4729
≥.10	38	23	30	18	11	12	10	7	18	13	11	8	7	4	3	59	780-1	272	3026	3117	4452
≥.08	59	52	43	30	20	17	6	11	3	6	3	3	1	1	4	8	174-1	266	1145	1157	4335
≥.06	76	36	29	16	9	6	3	3	3	3	1	1				2	102-1	188	538	541	4333
≥.05	54	37	16	11	7	2	2	3	2	2	1				1		90-1	138	369	372	4333
≥.04	59	20	17	3	5	2	2	1							1		90-1	110	236	239	4333
≥.03	48	6	6	4	3	1	1					1					72-1	70	134	135	4333
≥.02	22	3	2	2	1						1						66-1	31	58	58	4333
≥.01	3		1		1												30-1	5	11	11	4333

HOURS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15													1			12	SEA-5	13	2775	4791	4805
≥.14		1	1									1				20	SEA-5	23	3389	5061	5102
≥.13	2	2	2	1	2				1				1	1		38	SEA-3	51	3857	5214	5319
≥.12	12	6	5	2	1	1	5	1	5	1	3	1	5		1	62	SEA-1	111	4157	4517	4796
≥.11	12	9	19	4	14	7	6	5	8	4	7	3	4	4	4	81	870-1	191	3755	3837	4521
≥.10	47	22	26	29	20	14	17	21	16	5	3	6	8	6	6	60	402-1	306	2979	3011	4417
≥.08	70	64	51	38	27	12	10	12	5	3	3	4	2	4		9	198-1	314	1294	1299	4354
≥.06	106	62	34	21	6	7	7		4	2		1			1		90-1	251	620	622	4339
≥.05	90	52	24	6	4	2	2	2	3		1						66-1	186	390	392	4338
≥.04	76	39	15	5	1	2	1										42-1	139	243	245	4332
≥.03	45	15	9	1	2	1											36-1	73	122	122	4332
≥.02	14	8		2													24-2	24	38	38	4332
≥.01	1	1															12-1	2	3	3	4332

HOURS INTERVAL BETWEEN EVENTS

25 — 40.2N 131.2E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13																8	SEA-8	8	2944	4389	4389
≥.12																9	SEA-7	9	2870	4567	4571
≥.11			1											1		14	SEA-7	16	3207	5122	5144
≥.10	7	1	3	1		1	3	1	1	1	1	2		2		38	SEA-4	62	4453	5630	5766
≥.08	45	28	15	15	18	17	16	13	12	7	7	6	6	9	10	60	648-1	284	3159	3259	4502
≥.06	74	53	39	33	26	35	20	15	9	6	7	6	3	5	6	13	168-1	350	1771	1810	4357
≥.05	82	74	44	38	36	16	12	12	11	6	3	2	3		1	3	114-1	345	1321	1330	4341
≥.04	106	64	56	26	29	10	14	9	5	3	3			2	1	1	102-1	327	1047	1055	4341
≥.03	93	73	43	26	16	14	10	3	4	3	1			2		1	102-1	285	846	852	4341
≥.02	94	69	35	25	9	7	4	5	1	2						1	102-1	252	638	643	4341
≥.01	75	42	22	11	3	6	3	5		1						1	96-1	169	407	412	4333

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-8	9	2992	4438	4442
≥.14	1															10	SEA-8	11	3082	4436	4445
≥.13		1				1										18	SEA-4	20	2891	4408	4437
≥.12	2	1	2	5	2	1		1		2			1		1	45	SEA-2	63	3982	4650	4767
≥.11	10	2	4	4	4		2	5	5	4	1	3	2	4	2	72	1824-1	124	3979	4226	4545
≥.10	22	15	11	21	15	7	13	5	11	10	9	8	11	8	6	74	750-1	246	3511	3605	4481
≥.08	72	91	69	38	39	24	22	9	14	9	4	5	2	4	2	9	120-1	413	1773	1778	4336
≥.06	122	98	53	31	14	9	7	6	3		1	3	1				78-1	348	909	911	4334
≥.05	165	67	33	14	9	4	1	5	1	1	1	1					72-1	302	612	614	4334
≥.04	137	53	20	9	6	4			1								54-1	230	402	403	4334
≥.03	86	31	10	4	4	2											36-2	137	226	226	4334
≥.02	40	9	5	1	2												30-2	57	87	87	4334
≥.01	5	1			1												30-1	7	12	12	4334

HOURS INTERVAL BETWEEN EVENTS

28 — 36.1N 123.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13																9	SEA-8	9	3013	4458	4459
≥.12																10	SEA-8	10	3362	4810	4814
≥.11					1											20	SEA-6	22	4525	5799	5823
≥.10	7	2	3			1	3		3	3	1			2	1	51	1650-1	76	4288	4912	5093
≥.08	44	27	20	9	21	7	16	9	7	13	7	9	7	6	3	59	604-1	264	2899	3065	4360
≥.06	78	35	27	32	27	13	17	12	12	7	9	6	4	5	3	18	462-1	305	1752	1800	4344
≥.05	90	56	32	19	13	18	10		4	7	9	2	1	3	2	12	234-1	292	1315	1360	4334
≥.04	91	42	32	25	22	4	21	10	6	4	7	5	3		2	4	198-1	239	1060	1065	4334
≥.03	90	46	35	18	13	10	6	2	9	4		2	1				150-1	241	790	803	4334
≥.02	63	39	22	17	14	6	5	6	5	1	1	1					72-1	180	542	552	4334
≥.01	42	18	14	9	3	6	3	1	2	1							60-1	97	252	259	4337

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15		1														8	SEA-8	9	2946	4392	4393
≥.14		1														10	SEA-8	11	3118	4564	4567
≥.13									1							16	SEA-8	18	3615	4959	4972
≥.12	2	1							1	2				1		28	SEA-8	40	[illegible]	[illegible]	[illegible]
≥.11	5	2	4	2	3	3	3	2				2	2	4		[illegible]	SEA-6	91	5108	6580	6788
≥.10	29	22	10	13	7	10	3	6	6	6	2	3	7	2	6	71	SEA-4	203	4527	4789	5502
≥.08	53	43	35	25	23	14	17	11	8	6	5	2	4	5	4	30	648-1	285	2035	2048	4540
≥.06	64	58	37	29	15	13	12	8	3	2	3	4			1	6	180-1	255	1000	1010	4369
≥.05	87	56	27	19	9	10	7	1	3	1	2		1			4	156-1	227	679	679	4357
≥.04	93	45	31	10	4	5	2	1	2	1	3					2	114-1	199	485	485	4348
≥.03	70	32	17	6	1	3	1	2		1	1	1				1	96-1	136	304	304	4339
≥.02	28	13	6	1	2	4		2	1								54-1	57	135	135	4337
≥.01	10	1	1	1		1											36-1	14	25	25	4337

HOURS INTERVAL BETWEEN EVENTS

31 — 35.6N 155.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																10	SEA-8	10	3252	4506	4508
≥.13						1										16	SEA-8	18	3913	4970	4983
≥.12	3	4	1		2				1					1	1	25	SEA-8	41	[illegible]	[illegible]	[illegible]
≥.11	15	5	1	4	3	5	2	4	1	1	3	3	2	1	2	46	SEA-7	100	5004	6146	6445
≥.10	20	19	10	5	11	10	10	6	9	5	7	5	5	2	3	62	SEA-7	188	4769	5354	6167
≥.08	43	27	34	30	13	17	8	10	10	7	6	9	5	4	7	30	426-1	262	2017	2077	4503
≥.06	76	43	25	28	24	11	7	8	6	[illegible]	[illegible]	6	1	2	2	10	282-1	237	1149	[illegible]	[illegible]
≥.05	70	47	33	26	11	9	5	7	5	2	3	2				5	150-1	225	783	784	4360
≥.04	77	37	35	14	7	5	5	2	2	1	2	1	1	2		1	96-1	192	547	547	4340
≥.03	64	25	16	11	5	3	3	2	1	3	1			1			84-1	135	350	350	4334
≥.02	31	14	9	5			3	2	1	2		1					72-1	68	184	184	4334
≥.01	12	6	3	1	1	3											36-3	26	60	60	4333

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13									1							10	SEA-9	11	3177	4682	4687
≥.12	3			1	1			1								16	SEA-6	22	3651	5372	5402
≥.11	4	4	2	3	3	1	5					1				35	SEA-6	58	4596	5382	5517
≥.10	19	12	8	7	7	6	4	5		4	2	1	1	1	5	58	SEA-3	140	5005	5526	6045
≥.08	35	24	21	22	17	12	12	4	11	6	11	8	5	2	7	45	588-1	242	2521	2561	4509
≥.06	53	36	25	18	25	12	8	9	9	9	2	3	3	1	1	15	264-1	229	1252	1263	4350
≥.05	69	37	27	17	11	11	6	5	9	5	2	2	3	1		9	264-1	214	933	941	4342
≥.04	69	24	29	11	11	7	7	4	2	4	2	3	3	1		4	132-1	161	676	682	4334
≥.03	50	25	21	9	11	6	4	2	2	3		1	3	1		3	120-1	141	500	500	4334
≥.02	30	16	16	7	4	3	3	2	2	1	3		1		1	1	114-1	90	321	321	4334
≥.01	15	8	8	3	1	2	3		1					1			84-1	42	128	128	4333

HOURS INTERVAL BETWEEN EVENTS

34 — 34.2N 155.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																9	SEA-8	9	2998	4444	4445
≥.13						1										10	SEA-8	11	3198	4644	4648
≥.12	1	1								1						13	SEA-7	16	3251	4846	4865
≥.11	4	1	2			1	2	1	1	1	1	1		2		43	SEA-5	60	4384	5291	5416
≥.10	18	7	5	7	9	5	6	6	4	2	4	4	3	8	5	84	SEA-1	177	4101	4174	4646
≥.08	45	55	49	45	41	25	16	12	15	8	9	5	13	6	2	25	276-1	371	2322	2322	4376
≥.06	93	71	66	43	16	13	8	11	7	5	6	7	2	1	1	2	114-1	352	1261	1261	4348
≥.05	114	71	53	24	22	7	7	5	2	2	2	2		1			84-1	312	850	850	4347
≥.04	118	67	35	15	9	11	2		3	1							60-1	261	579	579	4339
≥.03	108	30	12	10	7	6			3								54-3	184	358	358	4339
≥.02	59	17	8	5	1	2			1								54-1	93	163	163	4335
≥.01	11	8	2		1												30-1	22	38	38	4334

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-8	9	3040	4389	4390
≥.14																10	SEA-8	10	3094	4443	4445
≥.13																13	SEA-9	13	3943	5155	5165
≥.12				1	1	1										18	SEA-7	21	3428	5411	5440
≥.11	4	2	2	2	2	2	2	5	2		1	2	1	1	1	50	SEA-3	79	4224	5596	5754
≥.10	17	12	7	10	11	6	13	7	3	8	5	2	5	3	5	87	SEA-1	201	4313	4697	5282
≥.08	81	59	61	39	24	20	18	16	17	7	8	5	9	1	8	14	216-1	387	1933	1938	4386
≥.06	76	81	49	30	18	14	11	8	7	3	2	2	2				78-2	303	985	986	4341
≥.05	101	71	44	17	13	10	3	4		1	2						66-2	266	653	653	4339
≥.04	129	59	21	9	7	4	1	2	1								54-1	229	433	433	4339
≥.03	81	34	5	7	2	2	1	1									48-1	133	229	229	4337
≥.02	40	13	3	1		1	1										42-1	59	92	92	4337
≥.01	5	3		1													24-1	9	15	15	4334

HOURS INTERVAL BETWEEN EVENTS

37 — 32.9N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13																8	SEA-8	8	2944	4389	4389
≥.12																8	SEA-8	8	2944	4389	4389
≥.11																8	SEA-8	8	2944	4389	4389
≥.10		1	1				1	1						1		14	SEA-4	19	2817	4606	4627
≥.08	20	10	4	5	2	6	5	1	4	4	4	6	3	3	3	66	1212-1	146	3649	4021	4476
≥.06	76	37	23	23	15	12	15	14	10	10	15	10	4	6	3	44	450-1	318	2567	2697	4373
≥.05	99	46	23	17	16	16	22	13	9	13	12	7	5	3	2	30	228-1	333	2063	2173	4351
≥.04	121	53	42	24	23	23	10	15	7	11	5	6	6	3	3	15	162-1	368	1656	1730	4335
≥.03	116	53	43	31	27	15	17	8	7	6	5	4	5	4		9	132-1	351	1395	1434	4333
≥.02	161	65	33	24	26	19	8	5	6	3	2	2	3	2		3	108-1	344	1072	1101	4333
≥.01	112	50	28	18	22	13	6	3	6	1		3		1		2	96-2	265	768	793	4333

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13																8	SEA-8	8	2944	4389	4389
≥.12																10	SEA-8	10	3454	4899	4901
≥.11																15	SEA-9	15	4078	5294	5309
≥.10	4					2					1					37	SEA-7	44	5158	6176	6269
≥.08	37	8	16	7	12	8	7	3	6	7	7	2	5	4	3	66	834-1	198	3337	3423	4503
≥.06	70	26	20	16	15	12	13	15	14	14	5	9	7	7	5	32	330-1	290	2176	2225	4367
≥.05	74	33	30	14	18	19	17	17	9	6	6	5	5	5	1	23	228-2	282	1724	1767	4358
≥.04	86	49	38	21	15	25	17	6	8	3	7	4	4	2	1	12	222-1	296	1364	1379	4339
≥.03	101	36	40	28	19	17	9	4	4	5	2	1	4	2	1	5	168-1	278	1018	1032	4340
≥.02	100	38	22	24	11	5	8	3	2	1	4	2			3	1	132-1	224	646	651	4337
≥.01	42	16	15	10	6	4	3	2	4	1			1			1	132-1	105	331	335	4336

HOURS INTERVAL BETWEEN EVENTS

40 — 29.6N 165.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																7	SEA-7	7	2575	4381	4381
≥.14																8	SEA-7	8	2635	4380	4381
≥.13																8	SEA-6	8	2616	4430	4431
≥.12												1				11	SEA-6	12	2566	4580	4593
≥.11	2	2	2							2		1				20	SEA-7	29	3314	5151	5201
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	SEA-5	85	4239	[illegible]	6115
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	235	3322	3427	4507
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	278	1720	1740	4406
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	10	[illegible]	284	1260	1281	4377
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	240	902	906	4357
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		2	[illegible]	210	625	625	4357
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					1		90-[illegible]	134	311	311	4337
≥.01	[illegible]	[illegible]		[illegible]		[illegible]											[illegible]	25	46	46	4333

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	[illegible]	[illegible]	[illegible]
≥.13																8	SEA-8	8	[illegible]	[illegible]	[illegible]
≥.12																9	SEA-8	9	[illegible]	[illegible]	[illegible]
≥.11			1													9	SEA-8	10	[illegible]	[illegible]	[illegible]
≥.10	5	2				1						1	1			21	SEA-6	31	[illegible]	[illegible]	[illegible]
≥.08	14	5	8	4	8	7	4	6	8	3	3	7	4	4	6	[illegible]	[illegible]	169	[illegible]	[illegible]	[illegible]
≥.06	49	40	23	24	26	30	28	11	15	13	10	13	8	3	3	[illegible]	[illegible]	330	2514	[illegible]	[illegible]
≥.05	74	47	47	41	38	31	20	17	9	6	10	7	6	4	3	10	[illegible]	376	1931	[illegible]	[illegible]
≥.04	93	61	47	38	31	19	22	16	12	5	2	5	1	5		7	[illegible]	[illegible]	1511	[illegible]	[illegible]
≥.03	93	58	47	29	31	20	13	12	7	2	5	1	1	2	1	3	120-2	[illegible]	1242	[illegible]	[illegible]
≥.02	95	69	40	31	17	10	10	5	3	3	4		2	1		1	[illegible]	290	876	[illegible]	[illegible]
≥.01	74	34	19	9	7	8	3	2		3		1					72-1	160	397	397	[illegible]

HOURS INTERVAL BETWEEN EVENTS

23 42.4N 172.1E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15													1			12	SEA-5	13	2775	4791	4805
≥.14		1	1									1				20	SEA-5	23	3389	5061	5107
≥.13	2	2	2	1	2				1		1		1	1		38	SEA-3	51	3857	5214	5319
≥.12	12	6	5	2	1	1	5	1	5	1	3	1	5		1	62	SEA-1	111	4157	4517	4796
≥.11	12	9	19	4	14	7	6	5	8	4	7	3	4	4	4	81	870-1	191	3755	3837	4521
≥.10	47	22	26	29	20	14	17	21	16	5	3	6	8	6	6	60	402-1	306	2979	3011	4437
≥.08	70	64	51	38	27	12	10	12	5	3	3	4	2	4		9	198-1	314	1294	1299	4354
≥.06	108	62	34	21	6	7	7		4	2		1			1		90-1	251	620	622	4339
≥.05	90	52	24	6	4	2	2	2	3		1						66-1	186	390	392	4338
≥.04	76	39	15	5	1	2	1										42-1	139	243	245	4337
≥.03	45	15	9	1	2	1											36-1	73	122	123	4332
≥.02	14	8		2													24-2	24	38	38	4332
≥.01	1	1															12-1	2	3	3	4332

HOURS INTERVAL BETWEEN EVENTS

24 41.0N 134.9W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-8	9	3001	4446	4447
≥.14									1							10	SEA-8	11	3111	4556	4562
≥.13	1							1								15	SEA-8	17	3626	5317	5331
≥.12	1		1			1	1	2			1					35	SEA-6	42	4826	5997	6075
≥.11	9	8	7	3	5	4	2	2	7	1	1		1	3	1	51	SEA-4	103	4851	5765	6065
≥.10	30	14	14	8	9	9	8	5	4	5	6	3	4	4	5	64	780-1	192	3526	3811	4452
≥.08	43	28	23	29	15	8	8	7	5	6	8	2	4	4	1	36	438-1	227	1819	1841	4362
≥.06	50	37	22	17	13	14	11	3	1	6	7	2		1	2	10	336-1	186	977	979	4339
≥.05	59	38	20	12	12	13	5	2	6	2	2	1	2	1	1	4	192-1	160	694	696	4337
≥.04	43	31	28	10	9	7	3	2	3	1	1	1		2	1	3	180-1	145	520	521	4333
≥.03	49	23	20	6	7	4		1	2	1	1	1	1	1		1	168-1	118	352	353	4333
≥.02	26	14	10	5	4	1	1	1	1		1	1	1			1	114-1	67	209	210	4333
≥.01	13	6	2	1	1	1		1		1	1				1		90-1	28	90	91	4333

HOURS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-8	9	2992	4438	4442
≥.14	1															10	SEA-8	11	3082	4436	4445
≥.13		1				1										18	SEA-4	20	2891	4408	4437
≥.12	2	1	2	5	2	1		1		2			1		1	45	SEA-2	63	3982	4650	4767
≥.11	10	2	4	4	4		2	5	5	4	1	3	2	4	2	72	1824-1	124	3979	4226	4545
≥.10	22	15	11	21	15	7	13	5	11	10	9	8	11	8	6	74	750-1	246	3511	3605	4481
≥.08	72	91	69	38	39	24	22	9	14	9	4	5	2	4	2	9	120-1	413	1773	1778	4336
≥.06	122	98	53	31	14	9	7	6	3		1	3	1				78-1	348	909	911	4334
≥.05	185	67	33	14	9	4	1	5	1	1	1	1					72-1	302	612	614	4334
≥.04	137	53	20	9	6	4			1								54-1	230	402	403	4334
≥.03	86	31	10	4	4	2											36-2	137	226	226	4334
≥.02	40	9	5	1	2												30-2	57	87	87	4334
≥.01	5	1			1												30-1	7	12	12	4334

HOURS INTERVAL BETWEEN EVENTS

27 36.2N 127.4W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																9	SEA-8	9	3012	4457	4458
≥.13																9	SEA-8	9	3011	4456	4459
≥.12	1															17	SEA-10	18	4457	5372	5388
≥.11	2	1	1	1			2			1	1					26	SEA-8	35	4553	5725	5787
≥.10	7	2	4	7	3	3	3	5	2		1	1	3	2	1	54	1764-1	98	4680	4936	5282
≥.08	31	17	20	15	10	11	9	11	6	13	9	6	1	4	3	61	768-1	227	2768	2874	4382
≥.06	58	26	25	24	20	21	15	7	6	9	8	2	6	2	3	24	516-1	256	1665	1716	4340
≥.05	66	40	32	26	14	18	8	9	10	4	3	4	5	2	3	13	174-1	257	1289	1320	4336
≥.04	78	35	41	24	16	12	9	8	8	3	3	2	1	3		7	150-1	250	984	1011	4333
≥.03	71	35	29	18	12	12	9	5	4	1	1		1	1	3	2	120-1	204	700	717	4333
≥.02	50	36	20	14	12	5	8	3	1		1			1		1	120-1	152	462	476	4333
≥.01	26	12	12	7	3	1	1	1	1								54-1	64	159	165	4333

HOURS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15		1														8	SEA-8	9	2946	4392	4393
≥.14		1														10	SEA-8	11	3118	4564	4567
≥.13		1							1							16	SEA-8	18	3615	4959	4972
≥.12	2	1	1	1			1	2				2	1		1	28	SEA-6	40	3890	5597	5662
≥.11	5	2	4	2	3	3	3	2			2	2	4			59	SEA-5	91	5106	6580	6788
≥.10	29	22	10	13	7	10	3	6	6	6	2	3	7	2	6	71	SEA-2	203	4527	4789	5502
≥.08	53	43	35	25	23	14	17	11	8	6	5	2	4	5	4	30	648-1	285	2035	2048	4540
≥.06	64	58	37	29	15	13	12	8	3	2	3	4			1	6	180-1	255	1000	1010	4369
≥.05	87	56	27	19	9	10	7	1	3	1	2		1			4	156-1	227	679	679	4357
≥.04	93	45	31	10	4	5	2	1	2	1	3					2	114-1	199	485	485	4348
≥.03	70	32	17	6	1	3	1	2		1	1	1				1	96-1	136	304	304	4339
≥.02	28	13	6	1	2	4		2	1								54-1	57	135	135	4337
≥.01	10	1	1	1		1											36-1	14	25	25	4337

HOURS INTERVAL BETWEEN EVENTS

30 35.7N 176.1E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-8	9	3274	4720	4721
≥.14																11	SEA-8	11	3529	4975	4980
≥.13	1								1			1				17	SEA-8	20	4058	5190	5206
≥.12		1				1		1			2	1				25	SEA-8	31	4671	5851	5898
≥.11	7	3	1	1	2	1	2	5	2	2	3	1	1	3	5	48	SEA-4	87	4745	6055	6241
≥.10	25	20	11	12	11	12	10	12	6	6	5	8	3	5	5	75	SEA-1	226	4050	4304	4997
≥.08	68	43	48	21	17	15	13	10	9	12	7	5	5	3	5	20	366-1	301	1726	1729	4406
≥.06	72	59	36	24	16	10	12	4	6	3	2		1	1	1	3	138-1	250	860	862	4347
≥.05	77	59	37	6	10	12	5	4	3	1		1	1		1		90-1	217	596	598	4345
≥.04	89	47	23	14	11	3		3	1	1			1				78-1	193	437	439	4345
≥.03	71	35	13	10	2	3	3				1						66-1	138	280	280	4344
≥.02	36	16	8	4	2						1						66-1	67	129	129	4344
≥.01	8	8	1														18-1	17	27	27	4334

HOURS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13									1							10	SEA-9	11	3377	4682	4687
≥.12	3			1	1			1								16	SEA-6	22	3651	5372	5402
≥.11	4	4	2	3	3	1	5					1				35	SEA-6	58	4596	5382	5517
≥.10	19	12	8	7	7	6	4	5		4	2	1	1	1	5	58	SEA-3	140	5005	5526	6045
≥.08	35	24	21	22	17	12	12	4	11	6	11	8	5	2	7	45	588-1	242	2521	2561	4509
≥.06	53	36	25	18	25	12	8	9	9	9	2	3	3	1	1	15	264-1	229	1252	1263	4350
≥.05	69	37	27	17	11	11	6	5	9	5	2	2	3	1		9	264-1	214	933	941	4342
≥.04	69	24	29	11	11	7	7	4	2	4	2	3	3	1		4	132-1	181	676	682	4334
≥.03	50	25	21	9	11	6	4	2	2	3		1	3	1		3	120-1	141	500	500	4334
≥.02	30	16	16	7	4	3	3	2	2	1	3		1		1	1	114-1	90	321	321	4334
≥.01	15	8	8	3	1	2	3		1					1			84-1	42	128	128	4333

HOURS INTERVAL BETWEEN EVENTS

33 34.6N 145.9E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13					1											10	SEA-8	11	3116	4562	4565
≥.12	1		1									1				13	SEA-7	16	3064	4807	4822
≥.11	1		1	1					1	1				1		29	SEA-6	35	4295	5299	5361
≥.10	6	4	3	2	3	2	3	5	2	1	5	1	2	3	2	73	1266-1	117	4074	4351	4631
≥.08	37	30	27	31	35	21	17	10	8	10	11	9	9	8	10	56	378-1	329	2919	2958	4381
≥.06	79	59	64	53	39	32	20	18	9	8	5	5	6	4		7	144-1	408	1818	1837	4345
≥.05	113	103	75	42	25	17	17	7	6	6	2	2	2			1	126-1	418	1321	1325	4343
≥.04	147	108	66	30	14	8	7	4	3	3	1						66-1	391	948	949	4343
≥.03	161	66	38	18	8	7	4	3	3	2							60-2	310	660	660	4339
≥.02	106	29	19	11	11	3	2	4									48-4	185	384	384	4337
≥.01	33	11	5	7	1	1	1										42-1	59	116	116	4334

HOURS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-8	9	3040	4389	4390
≥.14																10	SEA-8	10	3094	4443	4445
≥.13																13	SEA-9	13	3943	5155	5165
≥.12				1	1	1										18	SEA-7	21	3428	5411	5440
≥.11	4	2	2	2	2	2	2	5	2		1	2	1	1	1	50	SEA-3	79	4224	5596	5754
≥.10	17	12	7	10	11	6	13	7	3	8	5	2	5	3	5	87	SEA-1	201	4313	4697	5282
≥.08	81	59	61	39	24	20	18	16	17	7	8	5	9	1	8	14	216-1	387	1933	1939	4386
≥.06	76	81	49	30	18	14	11	8	7	3	2	2	2				78-2	303	985	986	4341
≥.05	101	71	44	17	13	10	3	4		1	2						66-2	266	653	653	4339
≥.04	125	59	21	9	7	4	1	2	1								54-1	229	433	433	4339
≥.03	81	34	5	7	2	2	1	1									48-1	133	229	229	4337
≥.02	40	13	3	1		1	1										42-1	59	92	92	4337
≥.01	5	3		1													24-1	9	15	15	4334

HOURS INTERVAL BETWEEN EVENTS

36 33.7N 123.9E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	[illegible]	[illegible]
≥.14																8	SEA-8	8	2944	[illegible]	[illegible]
≥.13																8	SEA-8	8	2944	[illegible]	[illegible]
≥.12																8	SEA-8	8	2944	[illegible]	[illegible]
≥.11																10	SEA-7	10	3307	4910	4914
≥.10	6	1					1					2			1	34	SEA-7	45	4680	5905	5992
≥.08	27	19	14	11	8	8	13	10	10	13	13	10	9	3	5	78	354-1	251	3160	3251	4435
≥.06	48	30	37	24	29	27	18	15	14	12	12	11	7	5	3	13	186-1	322	1854	1872	4371
≥.05	78	46	38	30	35	18	16	12	13	11	5	2	2			10	180-	316	1425	1443	4362
≥.04	98	56	41	28	24	17	14	7	8	6	4	2	1	1		4	174-	311	1128	1140	4342
≥.03	104	50	39	25	17	18	6	6	5	5	4			1	1	3	174-	284	934	945	4339
≥.02	90	43	35	21	16	11	7	7	4	2	2				1	1	144-	240	731	741	4339
≥.01	65	38	22	17	12	6	4	2	2	3	2					1	144-1	174	509	513	[illegible]

HOURS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13																8	SEA-8	8	2944	4389	4389
≥.12																10	SEA-8	10	[illegible]	[illegible]	4901
≥.11																15	SEA-9	15	4078	[illegible]	5309
≥.10	4					2					1					37	SEA-7	44	5158	6176	6269
≥.08	37	8	16	7	12	8	7	3	6	7	7	2	5	4	3	66	834-1	198	3137	3524	4503
≥.06	70	28	20	16	15	12	13	15	14	14	5	9	7	7	5	32	330-1	280	2176	2225	4362
≥.05	74	33	30	14	18	19	17	17	9	6	6	5	5	5	1	23	228-2	282	1724	1767	4358
≥.04	86	49	30	21	15	25	17	6	8	3	7	4	4	2	1	12	222-1	296	1364	1379	4349
≥.03	101	35	40	28	19	17	9	4	4	5	2	1	4	2	1	5	168-1	278	1018	1032	4346
≥.02	130	38	22	24	11	5	8	3	2	1	4	2			3	1	132-1	224	646	651	4342
≥.01	42	16	15	10	6	4	3	2	4	1			1			1	132-1	105	331	335	4336

HOURS INTERVAL BETWEEN EVENTS

39 29.9N 177.3W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12	1															11	SEA-9	12	[illegible]	[illegible]	[illegible]
≥.11	2		1			1	1	1					1	1	1	10	SEA-6	20	[illegible]	[illegible]	[illegible]
≥.10	11	7	3	6	6	2	4	2	2	2	2	4		2		41	SEA-5	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	37	27	17	18	17	13	10	2	9	4	8	5	5	7	4	53	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	61	40	43	33	26	22	16	12	8	7	8	3	6	1	3	21	240-1	310	[illegible]	[illegible]	[illegible]
≥.05	83	60	47	25	25	17	9	7	6	10	5	2	2	3		11	192-3	313	[illegible]	[illegible]	[illegible]
≥.04	107	59	39	29	18	14	13	6	4	2	4	1			2	3	180-1	302	[illegible]	[illegible]	[illegible]
≥.03	103	59	30	21	12	9	8	2	1	4	2		1			2	[illegible]	[illegible]	711	717	4337
≥.02	77	27	20	18	4	5	3	3	1	1	2		1				102-1	163	429	433	4337
≥.01	29	19	7	2	1	2			1								54-1	61	122	122	[illegible]

HOURS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																9	SEA-8	9	[illegible]	[illegible]	[illegible]
≥.11			1													9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	5	2				1						1	1			23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	14	5	8	4	8	7	4	6	8	3	3	7	4	4	6	78	[illegible]	169	[illegible]	[illegible]	[illegible]
≥.06	49	40	24	24	24	30	26	11	15	11	10	13	8	3	3	[illegible]	[illegible]	330	[illegible]	[illegible]	[illegible]
≥.05	74	47	47	41	[illegible]	31	20	17	9	6	10	7	6	4	3	18	[illegible]	376	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	74	38	18	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								72-1	150	367	367	[illegible]

HOURS INTERVAL BETWEEN EVENTS

42 28.6N 139.2W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]
≥.14																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12																10	[illegible]	10	[illegible]	[illegible]	[illegible]
≥.11									1							12	[illegible]	13	[illegible]	[illegible]	[illegible]
≥.10	1	1	4			1		1				1		2		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	25	10	12	[illegible]	7	6	[illegible]	6	5	5	2	3	6	7	[illegible]	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	71	40	[illegible]	[illegible]	7	10	[illegible]	[illegible]	[illegible]	[illegible]				2		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	15	[illegible]	[illegible]												[illegible]	[illegible]	67	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

2

WINTER

WAVE SLOPE (α)

43 — 28.2N 125.9E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																10	SEA-8	10	3202	4648	4651
≥.11																16	SEA-9	16	3980	5263	5282
≥.10	10	6	3	2	3	1	1	1	1	1	2	1			1	52	SEA-6	85	4880	5507	5746
≥.08	38	13	14	14	24	14	13	15	8	5	7	12	3	2	5	58	408-1	243	2710	2768	4467
≥.06	67	30	22	19	21	18	20	11	8	5	8	5	5	3	3	17	180-2	262	1486	1519	4387
≥.05	66	34	43	19	30	13	9	6	5	8	7	5	2			9	144-1	256	1136	1159	4367
≥.04	80	43	38	31	18	12	5	4	7	2	2	4	2	1	1		90-1	260	852	876	4340
≥.03	88	48	38	28	14	7	2		6	2	1	3	1	1			84-1	237	676	691	4340
≥.02	72	42	30	11	8	4	4	3	1	2	1			1			84-1	179	460	468	4335
≥.01	53	15	14	4	6	3		3		1							60-1	99	223	225	4335

HOURS INTERVAL BETWEEN EVENTS

44 — 27.9N 150.7E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4610	4611
≥.11											1					13	SEA-8	14	3582	5247	5260
≥.10	2	2		1		1				2	2		1		1	27	SEA-6	39	4194	5604	5669
≥.08	31	12	12	7	16	16	11	5	6	10	8	7	3	4	5	75	606-1	228	3598	3720	4567
≥.06	61	41	42	43	32	21	14	12	14	10	11	11	6	3	12	30	306-1	363	2330	2344	4359
≥.05	120	63	72	35	38	17	22	10	10	6	4	4	3	8	3	10	186-1	425	1768	1780	4341
≥.04	128	83	61	34	29	16	15	8	7	8	2	2	3	3		2	102-1	401	1326	1326	4338
≥.03	138	91	43	30	15	7	12	8	3	1	3	1	1	2		1	102-1	354	972	972	4338
≥.02	111	56	28	18	9	5	6	4	1		3		1				78-1	242	583	583	4338
≥.01	44	13	8	10	3	1	1	2									48-2	82	178	178	4338

HOURS INTERVAL BETWEEN EVENTS

46 — 26.1N 170.8E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4390	4390
≥.11																8	SEA-8	8	2944	4390	4390
≥.10	4	2	1			2					1					22	SEA-7	33	4496	5687	5739
≥.08	20	18	12	18	9	7	7	5	4	4	3	1	4	3	1	58	1416-1	169	3610	3779	4496
≥.06	61	21	14	20	26	17	21	9	11	6	7	8	1	6	4	41	528-1	331	2563	2689	4394
≥.05	106	51	51	38	27	21	12	9	13	9	12	4	7	4	5	20	528-2	382	1988	2000	4357
≥.04	113	68	46	37	34	20	16	15	8	4	7	1	5			2	216-1	378	1519	1528	4344
≥.03	119	58	47	31	16	14	16	13	6	1	2	1				3	192-1	334	1164	1164	4341
≥.02	129	59	31	19	19	12	9	6	2	4							174-1	276	754	754	4341
≥.01	41	22	15	4	6	3	2										108-1	94	234	234	4335

HOURS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13																8	SEA-8	8	2944	4389	4389
≥.12																8	SEA-8	8	2944	4389	4389
≥.11																8	SEA-8	8	2944	4389	4389
≥.10																8	SEA-8	8	2944	4389	4390
≥.08	9	2	4	2	2		2	3	1		1	4			1	42	SEA-2	73	4118	4912	5122
≥.06	87	38	14	12	14	13	11	11	5	7	11	9	2	3	7	58	396-1	302	2789	2928	4397
≥.05	104	41	30	14	20	15	12	9	11	6	10	5	7	4	3	42	390-1	333	2247	2294	4352
≥.04	121	38	35	25	21	15	12	10	12	10	9	3	4	4	2	28	252-1	349	1837	1860	4349
≥.03	101	35	38	28	18	17	9	10	13	8	5	3	4	1	1	18	162-1	309	1457	1479	4344
≥.02	89	31	22	29	12	20	10	7	6	5	5	2		3	2	6	138-1	249	1006	1026	4343
≥.01	47	26	22	15	8	12	12	3	4	3	1	2				2	102-1	157	579	597	4333

HOURS INTERVAL BETWEEN EVENTS

49 — 22.6N 128.0E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																9	SEA-8	9	3002	4448	4449
≥.11																9	SEA-8	9	3007	4443	4451
≥.10	4		1	3			1	1								27	SEA-7	40	4386	5320	5398
≥.08	51	13	14	12	10	11	8	6	8	7	5	3	3	3	3	62	762-1	219	3249	3414	4531
≥.06	70	28	23	16	18	21	10	10	9	4	6	3	4	2		33	378-1	259	1832	1895	4472
≥.05	76	23	30	24	19	17	11	9	6	4	6	1	5	5	2	1	222-1	274	1375	1426	4404
≥.04	95	39	29	20	21	13	9	4	6	4	6	2	2	2	1	11	210-1	264	1088	1110	4384
≥.03	84	36	27	23	18	6	9	3	6	4	4					4	210-1	225	816	822	4384
≥.02	68	30	17	12	6	6	2		1	4	2						168-1	[illegible]	491	493	4335
≥.01	26	5	6	5	2	1											96-1	50	135	135	4352

HOURS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-7	8	2719	4441	4442
≥.12																8	SEA-7	8	2719	4441	4442
≥.11																8	SEA-7	8	2719	4439	4442
≥.10			1			1										12	SEA-6	14	2884	4730	4749
≥.08	4	13	7	13	11	2	2	1	1	1	4	7	3	3	5	61	1428-1	176	3126	4032	4632
≥.06	74	28	20	17	7	13	10	9	12	9	9	5	5	1	3	46	462-1	274	2382	2482	4374
≥.05	83	32	22	13	15	13	15	12	12	10	6	8	6	5	4	32	258-1	285	1919	1995	4346
≥.04	114	35	27	30	20	16	15	10	12	6	4	9	2	2	4	15	240-1	321	1541	1571	4339
≥.03	120	42	36	22	17	14	12	13	5	7	3	3	1	3	3	7	156-1	308	1182	1210	4337
≥.02	108	42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						2	138-1	233	772	781	4336
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]											84-1	107	275	275	4335

HOURS INTERVAL BETWEEN EVENTS

52 — 19.2N 127.8W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13																8	SEA-8	8	2944	4389	4389
≥.12																8	SEA-8	8	2944	4389	4389
≥.11																8	SEA-8	8	2944	4389	4389
≥.10																8	SEA-8	8	[illegible]	[illegible]	[illegible]
≥.08	54	21	14	14	8	5	3	7	6	5	6	4	2	1	4	71	2148-1	225	3629	3780	4536
≥.06	102	45	23	18	17	13	9	8	8	2	3	6	2	2	2	27	282-1	287	1498	1499	4353
≥.05	103	31	22	18	13	6	4	10	6	4	2	2	2	4	4	9	228-1	244	1027	1028	4339
≥.04	98	37	23	18	9	4	4	4	2	4						6	186-1	219	763	765	4338
≥.03	71	30	14	4	4	4	1	2	1								120-1	194	529	530	4336
≥.02	63	27	10	6	6	2	2	4	3								102-1	104	347	348	4335
≥.01	22	5	5	3		6											72-1	44	124	125	4335

HOURS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																9	SEA-8	9	3004	4450	4451
≥.13																10	SEA-8	11	3291	4737	4744
≥.12																13	SEA-8	13	3384	4753	4770
≥.11					1	1										28	SEA-8	46	4396	5412	5519
≥.10	4	2	2		4	2	1				1		2			[illegible]	SEA-6	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	64	28	11	11	12	11	9	5	8	8	4	7	3	7	4	37	396-1	229	3077	3206	4468
≥.06	74	23	19	11	11	10	9	8	7	5	6	3	2		4	24	246-1	216	1331	1375	4406
≥.05	73	43	24	12	18	11	8	2	7	6	4	3	1	1	2	14	210-1	229	1076	1098	4397
≥.04	79	37	18	16	17	8	9	4	2	2	5	5		2	2	7	174-1	213	861	867	4376
≥.03	52	39	12	16	15	8	6	3	6	2	2	3	1			4	132-1	169	641	647	4372
≥.02	39	24	13	6	10	2	3	2	4		1	1	1			1	108-1	107	339	339	4359
≥.01	12	9	6	3		1		1	1				1				78-1	34	96	96	4338

HOURS INTERVAL BETWEEN EVENTS

55 — 17.6N 138.5E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																9	SEA-8	9	3104	4480	4493
≥.11	4							1	1			1				20	SEA-10	26	5018	6000	6046
≥.10	14	7	3	1	2	2	2	1		1	2		1		1	46	SEA-5	85	4484	5756	6020
≥.08	70	21	13	12	10	8	15	8	9	4	4	8	4	5		52	498-1	243	2508	2597	4427
≥.06	76	21	26	12	15	11	6	9	3	5	6	5	1	1	2	19	252-1	220	1209	1246	4380
≥.05	93	38	26	11	9	8	8	7	5	3	3		2		3	10	204-1	224	873	902	4376
≥.04	76	33	13	16	8	7	5	5	4	1	2	1	1		2	5	162-1	180	620	644	4352
≥.03	56	28	11	12	6	3	4	4	2	1	2	1	1	2		1	162-1	135	435	436	4352
≥.02	38	22	9	8	3	2	4	2			1		2				78-2	91	249	249	4339
≥.01	16	5	1	2	1	1	3										42-3	29	69	69	4337

HOURS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13																8	SEA-8	8	2944	4389	4389
≥.12																8	SEA-8	8	2944	4389	4389
≥.11																8	SEA-8	8	2944	4389	4389
≥.10																8	SEA-8	8	2944	4389	4389
≥.08	24	8	8	3	2	3	3	5	3	1	2	3	1	2		49	SEA-2	117	4268	5081	5337
≥.06	120	44	29	23	9	22	9	13	11	11	14	9	6	5	7	49	648-1	381	2792	2938	4411
≥.05	161	63	36	31	26	18	24	15	17	8	7	8	3	5	4	24	276-1	450	2184	2276	4397
≥.04	198	61	49	35	23	17	18	13	7	5	4	3	5		2	14	222-1	450	1629	1693	4345
≥.03	188	67	54	29	19	14	9	11	8	3		2	4	2	2	5	120-2	415	1253	1299	4337
≥.02	148	64	29	20	10	6	7	10	3	2	1	4	1	1	1	2	138-1	310	846	853	4336
≥.01	88	28	15	5	3	4	3	2	2	1		1		1			84-1	153	339	342	4333

HOURS INTERVAL BETWEEN EVENTS

58 — 14.5N 127.7E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																10	SEA-8	10	3029	4416	4418
≥.11	1		2													14	SEA-8	17	3617	4877	4906
≥.10	9	1	2	1		1	1		2	2		1		2		30	SEA-7	54	4557	5589	5776
≥.08	47	21	13	8	10	5	11	3	2	3	9	3	3	2	3	54	SEA-1	196	3162	3303	4681
≥.06	91	32	16	13	18	17	5	9	6	6		4	3	3	3	28	372-1	285	1546	1579	4319
≥.05	77	27	23	17	15	6	10	3	5	11	6	5	2	3	1	11	216-1	224	1131	1142	4350
≥.04	73	25	17	22	12	7	9	4	4	6	6	3	1	2	4	1	192-1	204	832	840	4335
≥.03	73	20	23	9	12	1	4	5	7	2	1	2				1	192-1	161	516	519	4335
≥.02	33	16	11	4	2		1	3		1						1	162-1	72	192	192	4338
≥.01	17	2	1			2				1							60-1	23	46	46	4334

HOURS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4390	4390
≥.11																8	SEA-8	8	2944	4390	4390
≥.10								1								10	SEA-8	11	3415	4813	4817
≥.08	39	21	11	7	10	2	1	4	1	1	2	2	3		4	53	1602-1	161	3733	4443	5147
≥.06	98	34	30	8	9	9	11	5	6	4	1	5	5	2	2	31	648-1	260	1818	1851	4345
≥.05	99	27	28	13	7	6	8	6	6	3	3	1	3	2	6	22	420-1	238	1364	1373	4344
≥.04	113	15	22	11	10	3	5	3	5	4		1	1	3	2	18	246-1	216	982	989	4337
≥.03	79	28	14	13	5	9	3	4		1		3	4	5	2	8	192-1	178	715	719	4337
≥.02	57	18	9	6	5	4	4	3	1		2	4	1	2		4	102-1	115	425	429	4335
≥.01	28	8	8	3		1	1	2	1	1		1					72-1	54	140	143	4334

HOURS INTERVAL BETWEEN EVENTS

61 — 12.0N 156.7E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	2															[illegible]	SEA-7	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	53	15	15	8	8	3	8	6	7	5	3	3	3	4	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	121	33	17	8	11	7	9	5	6	3	10	3	3	3	2	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	87	27	20	12	11	15	4	2	2	4	3		3			12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	90	19	18	8	13	6	2	2	1		4					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	62	18	10	10	[illegible]		1	2	2		1			1		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	15	10	6		3	1	3	2								2	[illegible]	41	160	160	[illegible]
≥.01	8		1	2			2			1	1						72-1	17	70	70	[illegible]

HOURS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4390	4390
≥.11																8	SEA-8	8	2944	4390	4390
≥.10																10	SEA-8	10	3194	4440	4442
≥.08	2	1					1	2							1	14	SEA-7	21	3130	4525	4616
≥.06	16	7	6	4	3	5	4	1				3				19	SEA-7	67	3416	4550	4919
≥.05	22	10	10	3	4	1	2	1	1		4		1		2	27	SEA-8	88	4062	4855	5476
≥.04	21	8	12	5	5	6	2		1		1	1	1	4	2	30	SEA-6	107	4350	4857	6208
≥.03	23	5	6	7	2	3	3	4	4	3	3	3	2			40	SEA-2	108	2557	3880	5354
≥.02	9	12	6	3	6	5	3		1	2	1	2	2	1	1	26	804-1	80	1392	1407	4535
≥.01	9	4	7	2	4	3	1	1		1	1	2	1			18	402-1	54	752	752	4520

HOURS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) INTERVALS (Cont'd)

44 — 27.9N 150.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4610	4611
≥.11											1					13	SEA-8	14	3582	5247	5260
≥.10	2	2		1		1				2	2		1		1	27	SEA-6	39	4194	5604	5669
≥.08	31	12	12	7	16	16	11	5	6	10	8	7	3	4	5	75	606-1	228	3598	3720	4567
≥.06	61	41	42	43	32	21	14	12	14	10	11	11	6	3	12	30	306-1	363	2330	2344	4359
≥.05	120	63	72	35	38	17	22	10	10	6	4	4	3	8	3	10	186-1	425	1768	1780	4341
≥.04	128	83	61	34	29	16	15	8	7	8	2	2	3	3		2	102-1	401	1326	1326	4338
≥.03	138	91	43	30	15	7	12	8	3	1	3	1	1	2		1	102-1	354	972	972	4338
≥.02	111	56	28	18	9	5	6	4	1		3		1				78-1	242	583	583	4338
≥.01	44	13	8	10	3	1	1	2									48-2	82	178	178	4338

HOURS INTERVAL BETWEEN EVENTS

45 — 27.8N 145.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4390	4390
≥.11				1					1							15	SEA-8	17	4054	[illegible]	[illegible]
≥.10	3	3			2	3					1	1	1		1	20	SEA-7	44	4251	5721	5829
≥.08	35	16	8	9	15	8	5	9	6	2	4	7	1	4	2	63	SEA-1	194	3625	3917	5021
≥.06	71	25	30	17	28	21	17	7	8	9	5	5	1	3	3	26	318-1	276	1746	1792	4365
≥.05	97	41	33	25	21	13	10	6	9	5	3	4	5	2		14	144-1	288	1257	1297	4349
≥.04	93	41	30	12	20	11	9	9	1	3	3	4	2	2	3	6	120-3	249	942	974	4346
≥.03	78	39	23	14	16	8	4	6	4		5	3		1	2	3	120-2	206	713	725	4340
≥.02	65	31	18	11	12	4	3	3	2	3	2		1	1		1	114-1	157	470	482	4337
≥.01	32	17	4	2	1	1	5	2	1	1	1	1					72-1	68	190	193	4337

HOURS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13																8	SEA-8	8	2944	4389	4389
≥.12																8	SEA-8	8	2944	4389	4389
≥.11																8	SEA-8	8	2944	4389	4389
≥.10																8	SEA-8	8	2944	4389	4390
≥.08	9	2	4	2	2		2	3	1		1	4				42	SEA-2	73	4118	4932	5122
≥.06	87	38	14	12	14	13	11	11	5	7	11	9	2	3	7	58	396-1	302	2789	2828	4387
≥.05	104	41	30	14	20	15	12	9	11	6	10	5	7	4	3	42	390-1	333	2247	2284	4352
≥.04	121	38	35	25	21	15	12	10	12	10	9	3	4	4	2	28	252-1	349	1637	1660	4349
≥.03	101	35	38	28	18	17	9	10	13	8	5	4				18	162-1	299	1157	1179	4344
≥.02	89	31	29	29	12	20	10	7	6	5	5	2		3	2	6	138-1	249	1006	1020	4338
≥.01	47	26	22	15	8	12	12	3	4	3	1	2				2	102-1	157	579	597	4333

HOURS INTERVAL BETWEEN EVENTS

48 — 23.5N 151.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4390	4390
≥.11																8	SEA-8	8	2944	4390	4390
≥.10				1	1											18	SEA-5	21	3915	5429	5448
≥.08	33	10	7	4	7	1	5	2	1	5	3	3	3	3	1	70	666-1	158	3730	3915	4685
≥.06	80	19	23	14	11	10	18	11	16	10	7	5	8	2	3	34	330-1	272	2051	2123	4347
≥.05	75	25	28	20	22	16	15	11	11	8		2	2	6	2	21	270-1	252	1616	1647	4337
≥.04	89	20	24	13	12	18	4	9	6	6	6	3	4	2	3	12	114-1	229	1229	1244	4335
≥.03	81	52	36	24	17	9	12	5	8	3	1		2			2	114-1	225	872	881	4335
≥.02	84	43	15	11	10	4	7	4									48-4	176	414	422	4334
≥.01	24	7	1	3	1	1	1										42-1	38	71	71	4334

HOURS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-7	8	2719	4441	4442
≥.12																8	SEA-7	8	2719	4441	4442
≥.11																8	SEA-7	8	2719	4442	4442
≥.10			1													2	SEA-6	14	2884	4730	4749
≥.08	42	13	7	13	11	2	2	1	1	1	4	7	3	3	5	61	1428-1	176	3730	4032	4632
≥.06	80	28	20	17	7	13	10	9	12	9	9	5	5	1	3	46	462-1	274	2382	2482	4374
≥.05	83	32	22	13	15	13	12	15	12	12	10	3	8	6	5	32	258-1	285	1919	1997	4366
≥.04	114	25	34	29	20	16	15	10	12	6	4	8	2	2	3	17	150-1	321	1541	1571	4342
≥.03	120	42	35	22	15	5	2	8	1	5	1	2	1	2	2		138-1	308	1182	1210	4337
≥.02	105	42	32	22	15	5	2	8	[illegible]								138-1	252	772	781	4336
≥.01	47	20	15	7	4	3	2	1	1								84-1	113	275	275	4335

HOURS INTERVAL BETWEEN EVENTS

51 — 20.5N 177.1W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4390	4390
≥.11																8	SEA-8	8	2944	4390	4390
≥.10	3															11	SEA-6	14	2927	4456	4460
≥.08	10	3	1	4	4	2	1	3	2	1	3	3	2	1	4	67	1524-1	110	3919	4148	4710
≥.06	70	22	21	14	9	6	4	10	12	5	3	4	6	5	4	52	486-1	250	2327	2449	4342
≥.05	75	30	30	17	16	18	11	4	10	7	4	3	5	2	4	31	300-1	271	1937	1974	4342
≥.04	83	42	29	19	18	9	14	15	5	12	12	7	2	4	5	18	168-1	279	1533	1545	4337
≥.03	58	37	35	15	23	12	13	18	8	9	9	3	3	1	2	5	120-1	251	1185	1190	4336
≥.02	67	33	38	10	17	10	15	9	4	3	3	3	1		1		96-1	215	787	788	4334
≥.01	38	11	11	11	4	3	3	1	2								72-1	86	243	243	4334

HOURS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																9	SEA-8	9	3004	4450	4451
≥.13	1															10	SEA-8	11	3198	4737	4744
≥.12	1			1	1	1										13	SEA-8	17	3384	4753	4770
≥.11	4	2	2		4	2	1									28	SEA-8	[illegible]	4598	5417	5519
≥.10	34	11	14	4	3	2	3	2	5	5	2	1	2			58	SEA-2	145	4222	5432	6001
≥.08	64	28	11	12	11	9	5	8	8	6	4	7	3	7	4	37	396-1	229	2077	2206	4458
≥.06	74	24	19	11	10	9	8	7	5	6	3	2		1	4	24	246-1	218	1476	1502	4406
≥.05	73	43	24	12	18	11	8	2	7	6	4	3	1	1	2	14	210-1	229	1076	1098	4397
≥.04	79	37	18	16	17	8	9	4	2	2	5	5		2	2	7	174-1	213	861	867	4376
≥.03	52	39	12	16	15	8	6	3	6	2	2	3	1			4	132-1	169	641	647	4372
≥.02	39	24	13	6	10	2	3	2	4		1	1	1			1	108-1	107	339	339	4359
≥.01	12	9	6	3		1		1	1				1				78-1	34	96	96	4338

HOURS INTERVAL BETWEEN EVENTS

54 — 18.2N 168.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4390	4390
≥.11																8	SEA-8	8	2944	4390	4390
≥.10					1											13	SEA-9	11	3769	5289	5307
≥.08	1				1		1	1	2							21	SEA-4	29	4086	5498	5580
≥.06	47	14	9	4	2	1	1	1	1	2	3	1	4	1	6	49	918-1	122	3491	4159	4358
≥.05	95	38	27	13	10	14	12	18	6	7	7	8	8	2	5	28	258-1	298	1747	1763	4336
≥.04	98	34	24	17	20	16	10	13	11	6	5	5	3	3	3	13	258-1	281	1354	1366	4333
≥.03	79	29	29	26	14	17	9	12	8	1	3	1	2	3	1	7	252-1	241	1025	1033	4333
≥.02	74	32	28	15	10	11	3	5	6	1	2	1	1	1	1	3	126-1	194	658	661	4333
≥.01	21	11	9	7	5	6	1	1	2						1	1	120-1	65	227	229	4333

HOURS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4389	4389
≥.14																8	SEA-8	8	2944	4389	4389
≥.13																8	SEA-8	8	2944	4389	4389
≥.12																8	SEA-8	8	2944	4389	4389
≥.11																8	SEA-8	8	2944	4389	4389
≥.10																8	SEA-8	8	2944	4389	4389
≥.08	24	8	8	3	2	3	3	5	3	1	2	3	1	2		49	SEA-2	117	4268	5061	5337
≥.06	120	44	29	21	9	22	9	13	11	11	14	9	6	5	7	49	648-1	381	2792	2938	4411
≥.05	161	63	38	31	26	18	24	15	17	8	7	8	3	5	4	24	276-1	450	2184	2276	4387
≥.04	196	61	49	35	23	17	18	13	7	5	4	3	5		2	14	222-1	450	1629	1693	4345
≥.03	188	67	54	29	19	14	9	11	8	3		2	4	2	2	5	120-2	415	1253	1299	4337
≥.02	149	64	29	20	10	6	7	10	3	2	1	4	1	1	1	2	138-1	310	846	853	4336
≥.01	88	28	15	5	3	4	3	2	2	1		1		1			84-1	153	339	342	4333

HOURS INTERVAL BETWEEN EVENTS

57 — 14.9N 147.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																10	SEA-8	10	3218	4628	4632
≥.11																10	SEA-8	10	3214	4643	4657
≥.10	4		2		1		1	1		1				1		29	SEA-[illegible]	40	4192	5110	5174
≥.08	73	23	20	13	10	9	11	7	13	4	8	4	5	2	2	60	786-1	264	2853	3080	4451
≥.06	140	34	33	20	13	13	9	4	10	5	5	4	3	5	1	17	222-1	316	1381	1426	4346
≥.05	145	33	28	16	12	9	6	5	7	5	3	1	2	2	2	8	186-1	284	958	976	4340
≥.04	129	26	33	13	5	8	4	1	6	5	1	4	1		4	1	102-1	237	690	702	4340
≥.03	87	29	17	11	8	5	4	2	4	3	2	1	1		1		90-1	175	482	485	4339
≥.02	58	12	10	5	7	5	3	2		1							60-1	103	244	246	4337
≥.01	19	5	5	2	3	2		1									48-1	37	87	87	4335

HOURS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4390	4390
≥.11																8	SEA-8	8	2944	4390	4390
≥.10								1								10	SEA-8	11	3315	4613	4617
≥.08	39	21	11	7	10	2	1	4	1	1	2	2	3		4	53	1602-1	161	3743	4443	5147
≥.06	98	34	30	8	9	9	11	5	6	4	1	5	5	2	2	31	648-1	260	1818	1851	4345
≥.05	99	27	28	13	7	6	8	6	6	3	3	1	3	2	6	22	420-1	238	1364	1373	4334
≥.04	113	15	22	11	10	3	5	3	5	4		1	1	3	2	18	246-1	216	982	989	4337
≥.03	79	28	14	13	5	9	3	4		1		3	4	5	2	8	192-1	179	715	719	4337
≥.02	52	18	9	6	5	4	4	3	1		2	4	1	2		4	102-1	115	425	429	4335
≥.01	28	8	8	3		1	1	2	1	1		1					72-1	54	140	143	4334

HOURS INTERVAL BETWEEN EVENTS

60 — 12.2N 112.6E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																9	SEA-8	9	3001	4449	4451
≥.11	3	1					1	1								13	SEA-8	19	3454	4703	4730
≥.10	5	1	1				2	1	1	1						21	SEA-6	33	3823	5180	5459
≥.08	47	11	9	7	4	7	6	3	3	1	3		2	2	5	45	SEA-2	155	3862	4874	6259
≥.06	88	37	17	6	3	8	4	4	7	2	5	2	2	2	1	33	1404-1	221	2156	2238	6755
≥.05	98	30	12	12	7	6	8	3	3	6	2		1	1	3	29	690-1	221	1602	1625	4543
≥.04	76	33	17	14	9	7	5	2	5		8	1	3	2	4	22	306-1	208	1233	1228	4519
≥.03	65	30	22	8	10	7	5	8	6	4	3	1	2	1	5	13	240-1	188	928	940	4403
≥.02	52	20	16	10	7	9	5	6	2	3	3	1		3	3	3	240-1	143	621	628	4389
≥.01	30	9	11	6	6	5	4	1	3	2	2	2		1	1	1	138-1	84	346	346	4375

HOURS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	4390	4390
≥.13																8	SEA-8	8	2944	4390	4390
≥.12																8	SEA-8	8	2944	4390	4390
≥.11																8	SEA-8	8	2944	4390	4390
≥.10																10	SEA-8	10	3198	4440	4442
≥.08	2	1					1	2							1	14	SEA-7	21	3130	4525	4616
≥.06	14	7	8	4	3	5	4	1				3			1	19	SEA-7	67	3616	4560	4919
≥.05	22	10	10	3	4	3	2	1	1		4		1		2	27	SEA-8	88	4062	4655	5476
≥.04	21	8	12	5	5	6	2		1		1	1	1	4	2	38	SEA-6	107	4350	4657	6208
≥.03	22	5	6	7	2	3	3	4	4	3	3	3	2			40	SEA-2	103	2557	2690	5354
≥.02	19	12	6	3	6	5	3		1	2	1	2	2	1	1	26	402-1	80	1392	1407	4633
≥.01	9	4	7	2	4	3	1	1		1	1	2	1			18	402-1	54	752	752	4520

HOURS INTERVAL BETWEEN EVENTS

63 — 2.1N 123.6E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-8	8	2944	4390	4390
≥.14																8	SEA-8	8	2944	[illegible]	[illegible]
≥.13																8	SEA-8	8	2944	[illegible]	[illegible]
≥.12																8	SEA-8	8	2944	[illegible]	[illegible]
≥.11																8	SEA-8	8	2944	[illegible]	[illegible]
≥.10																8	SEA-8	8	[illegible]	[illegible]	[illegible]
≥.08																8	SEA-8	8	[illegible]	[illegible]	[illegible]
≥.06																8	SEA-8	8	[illegible]	[illegible]	[illegible]
≥.05																9	SEA-8	9	3013	[illegible]	[illegible]
≥.04	2	2	1			2		1			1	2			2	42	SEA-6	47	4559	[illegible]	[illegible]
≥.03	18	26	9	5	3	5	2	4	7	3	2	1	2	2	3	52	SEA-[illegible]	146	3116	[illegible]	4874
≥.02	42	20	8	10	6	4	3	4	5	3	2	4	4	4		21	270-1	118	1025	1051	4347
≥.01	9	5	1	2		1	2	1	2		1			1		1	120-1	26	121	121	4335

HOURS INTERVAL BETWEEN EVENTS

4

WAVE SLOPE (α) INTERVALS

1 — 64.0N 166.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4265	4265
≥.14																6	SEA- 6	6	2208	4265	4265
≥.13																6	SEA- 6	6	2208	4265	4265
≥.12																7	SEA- 6	7	[illegible]	[illegible]	4265
≥.11																7	SEA- 6	7	[illegible]	[illegible]	4265
≥.10	2	1	1	1				2			1	1			1	20	SEA- 5	30	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	6	8	4	13	5	8	6	7	7	7	8	4	1	4	52	1000-	[illegible]	[illegible]	4141	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17	14	10	5	6	4	6	3	4	2	50	[illegible]	216	[illegible]	2474	4501
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	9	5	6	3	3	11	3		[illegible]	[illegible]	216	[illegible]	2007	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	6	6	5	1	2	2	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	4	5	6	1	2	4	19	[illegible]	226	1319	[illegible]	[illegible]
≥.02	55	47	29	21	12	12	9	9		6	1	1	5	2	3	13	210-	[illegible]	[illegible]	1091	[illegible]
≥.01	52	30	20	21	8	14	13	1	3	6		4		2		4	150-	178	724	729	[illegible]

HOURS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4265	4265
≥.14																6	SEA- 6	7	[illegible]	[illegible]	[illegible]
≥.13																6	SEA- 6	7	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	SEA- 6	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	17	13	9	9	10	14	6	6	7	4	6	2	4	2	[illegible]	63	1000-	173	[illegible]	[illegible]	[illegible]
≥.06	41	19	20	21	26	14	6	9	6	6	4	6	4	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	48	31	29	20	12	12	11	4	7	4	4	6	2	3	4	29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	168-	102	409	409	[illegible]

HOURS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4265	4265
≥.14		1														6	SEA- 6	7	2210	4264	4265
≥.13		1														9	SEA- 6	10	[illegible]	[illegible]	4460
≥.12	1							1								15	SEA- 7	17	3250	5049	5075
≥.11	3	1	1		1	2	1	1	1	1		2	1			29	SEA- 6	44	3667	[illegible]	[illegible]
≥.10	6	4	2	5	3	6	1	2	5		1			1	2	50	SEA- 2	[illegible]	4157	5130	5270
≥.08	22	12	17	12	15	17	6	3	3	7	7	3	5	10	2	52	916- 1	193	2879	3093	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1754	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68-	[illegible]	844	867	4250
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	162-	150	587	618	4250
≥.01	30	16	9	5	4	6	5	2	3							1	162-	81	277	290	4250

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4265	4265
≥.14																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.13																7	SEA- 7	7	[illegible]	[illegible]	[illegible]
≥.12																10	SEA- 7	10	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18	SEA- 7	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	4	2	1	2	2	1	1	4	2	3	2	3	2	1	2	41	SEA- 3	73	[illegible]	[illegible]	[illegible]
≥.08	22	10	14	17	10	11	7	12	6	4	2	5	9	3	6	54	1000- 1	192	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	144-	168	[illegible]	[illegible]	[illegible]
≥.01	40	14	16	8	2	4		2	2	1		1	1	1		1	90- 1	92	288	288	4253

HOURS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4265	4265
≥.14																6	SEA- 6	6	2208	4265	4265
≥.13																6	SEA- 6	8	[illegible]	[illegible]	[illegible]
≥.12									1	2						10	SEA- 7	13	[illegible]	[illegible]	[illegible]
≥.11	2		2		1		2		1			1				20	SEA- 7	30	3403	4976	5034
≥.10	4	2		4	2	4	2		1	3	2		2	3		40	SEA- 6	69	4164	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52	[illegible]	139	2970	3201	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16	240-	240	1192	1224	4245
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	186- 2	212	947	966	4245
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	168- 1	178	636	655	4245
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	102- 2	101	341	345	4241

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4265	4265
≥.14																6	SEA- 6	6	2208	4265	4265
≥.13								1								9	SEA- 6	14	[illegible]	[illegible]	4681
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	[illegible]	[illegible]	[illegible]
≥.11	5	1	4	2	1	4	1	2	1		1	1	1	2	1	41	SEA- 4	67	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52	SEA- 2	115	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	56	22	22	10	4	5	1		2	1	1	1				4	150- 1	132	422	430	4246
≥.01	16	12	8	2	2											3	150- 1	48	178	186	4246

HOURS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4265	4265
≥.14																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.13																8	SEA- 6	8	[illegible]	[illegible]	[illegible]
≥.12	1							1								14	SEA- 6	16	2875	4814	4831
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	SEA- 6	39	4038	[illegible]	5470
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]	96	4220	[illegible]	5758
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	74-	244	1187	[illegible]	4319
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	211	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	102-	157	605	612	4253
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	102-	111	371	371	4246
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		78-	45	144	144	4242

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4265	4265
≥.14																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.13																7	SEA- 6	9	[illegible]	[illegible]	[illegible]
≥.12	4	1	1					1	1			1			1	25	SEA- 8	37	4102	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43	SEA- 8	58	[illegible]	[illegible]	[illegible]
≥.10	18	12	11	8	10	3	4	5	5	2	2	1	6	3	[illegible]	64	1812- 1	159	4430	[illegible]	5347
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	810-	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	50	32	15	16	4	1	2	2	2	1	4		3			1	90- 1	133	405	405	4253
≥.02	43	14	12	5	2	2	2	2	2								60- 2	89	241	241	4250
≥.01	17	2	1														48- 1	25	52	52	4245

HOURS INTERVAL BETWEEN EVENTS

13 — 50.3N 171.3W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4265	4265
≥.14						1										6	SEA- 6	8	[illegible]	[illegible]	[illegible]
≥.13	1		1								1				1	11	SEA- 5	15	[illegible]	4353	4370
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18	SEA- 4	24	[illegible]	4770	4827
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23	SEA- 2	37	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	132-	230	1050	1055	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	221	802	807	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		102-	179	570	574	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		78- 3	54	154	154	[illegible]

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4264	4265
≥.14		1														6	SEA- 6	7	[illegible]	[illegible]	[illegible]
≥.13	1							1	2							14	SEA- 6	18	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26	SEA- 4	30	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48	SEA- 4	60	4318	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	216-	188	672	673	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	102-	148	476	477	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		48- 1	32	86	86	4241

HOURS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA- 6	8	2330	4318	4320
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	SEA- 6	18	[illegible]	[illegible]	[illegible]
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	SEA- 6	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	12	7	7	4	3	2											42- 2	37	104	105	4241

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4265	4265
≥.14																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.13																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.12																7	SEA- 6	7	[illegible]	[illegible]	[illegible]
≥.11																7	SEA- 6	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	7	2218	4275	[illegible]
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		48-	41	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

ERVALS

SPRING

2 59.4N 172.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14												1				6	SEA-6	7	2220	4264	4265
≥.13												1				6	SEA-6	7	2220	4264	4265
≥.12							1				1					9	SEA-6	11	2454	4318	4429
≥.11	1				1						1				2	13	SEA-5	18	2608	4331	4374
≥.10	3	1		4	2	2	3	1	3	3	1	3	1	1	1	41	SEA-5	70	3857	5222	5432
≥.08	17	13	9	9	10	14	6	6	7	4	6	2	4	2	1	63	1080-1	173	3274	3448	4611
≥.06	41	19	29	21	28	14	6	9	6	6	6	4	6	4	4	37	636-1	238	2061	2115	4512
≥.05	48	33	29	20	17	12	11	4	7	4	4	6	7	3	4	29	258-1	228	1562	1610	4291
≥.04	57	41	32	18	9	12	5	10	3	7	4	5	2	2	5	17	246-1	228	1227	1274	4275
≥.03	54	42	28	15	6	8	6	4	4	5	3	6	3	3	4	9	168-1	200	945	987	4273
≥.02	55	27	25	12	6	8	4	5	1	5	6	3	5		2	2	156-1	166	678	703	4264
≥.01	35	14	17	4	7	2	6	1	3	5	2	3	1			2	108-1	102	409	409	4248

HOURS INTERVAL BETWEEN EVENTS

3 58.5N 151.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																12	SEA-6	12	[illegible]	[illegible]	[illegible]
≥.11			1				1									18	SEA-6	20	3157	4743	4774
≥.10	2	2	1			2		1	1	1				1		42	SEA-6	55	[illegible]	[illegible]	[illegible]
≥.08	10	10	13	12	8	12	8	6	7	6	12	3	6	3	4	65	1752-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	32	30	22	28	19	20	10	14	10	7	9	13	4	2	2	44	642-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	54	39	33	25	15	16	12	12	7	11	5	6	5	5	2	31	612-1	[illegible]	2045	2077	[illegible]
≥.04	68	43	30	31	12	15	9	4	7	6	8	4	4	5	3	21	300-1	[illegible]	1621	1653	[illegible]
≥.03	59	50	27	23	23	10	8	8	11	9	4	5	4	2	4	9	270-1	[illegible]	1274	1290	[illegible]
≥.02	68	48	31	15	12	15	7	6	10	4	3	3	3		1	4	240-1	[illegible]	934	940	4307
≥.01	69	37	21	14	7	6	3	4	3	1		1				3	174-1	169	508	510	4281

HOURS INTERVAL BETWEEN EVENTS

5 56.8N 141.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																7	SEA-7	7	2376	4374	4374
≥.12																10	SEA-7	10	2802	4460	4481
≥.11	1		1	1	2					1				1		18	SEA-7	25	3488	5072	5118
≥.10	4	2	1	2	2	1	1	4	2	3	2	3	2	1	2	41	SEA-3	73	3610	5301	5752
≥.08	22	10	14	17	10	11	7	12	6	4	2	5	9	3	6	54	1080-1	192	3223	3398	4616
≥.06	43	34	30	16	17	15	8	12	4	7	8	7	8	3	4	40	504-1	256	2225	2263	4348
≥.05	52	31	34	17	17	11	17	13	7	11	6	8	5	3	2	24	330-1	260	1781	1796	4325
≥.04	62	42	22	25	30	20	12	10	10	3	8	6	5	2		10	276-1	267	1396	1407	4293
≥.03	62	37	23	28	14	15	8	9	4	6	6	2	2	2		8	222-1	226	1028	1036	4274
≥.02	52	34	14	20	6	8	9	6	9	4	1				1	4	144-1	168	653	660	4260
≥.01	40	14	16	8	2	4		2	2	1			1	1	1		90-1	92	268	268	4243

HOURS INTERVAL BETWEEN EVENTS

6 54.9N 167.1W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																7	SEA-6	7	2230	4264	4265
≥.13																7	SEA-5	7	2170	4312	4318
≥.12											1					13	SEA-4	14	2566	4903	4921
≥.11			1	1			1		1	1	2	1			2	23	SEA-4	35	[illegible]	[illegible]	[illegible]
≥.10	8	8	4	6	2	4	1	5	6	3	4	6	2	4	2	46	SEA-1	111	4458	5114	[illegible]
≥.08	48	15	28	19	16	14	6	7	8	9	6	6	3	2	4	57	930-1	248	[illegible]	3007	[illegible]
≥.06	56	44	35	21	21	13	14	14	10	3	6	6	2	2	2	22	342-1	[illegible]	[illegible]	1669	[illegible]
≥.05	61	41	34	19	16	15	12	8	12	5	4	1	1	3	2	13	192-1	[illegible]	[illegible]	1265	[illegible]
≥.04	68	50	30	21	19	13	5	4	6	6	2	5	1	1	3	5	174-1	[illegible]	960	974	[illegible]
≥.03	72	40	22	13	15	8	7	4	3	3	1	3	2		3	2	138-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	56	25	15	12	7	5	5	3		1	1	1	2	2		2	114-1	137	447	453	[illegible]
≥.01	18	12	7	6	1	2	3	1				2	1	1		1	114-1	55	203	206	4260

HOURS INTERVAL BETWEEN EVENTS

8 52.0N 172.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13							1		1							12	SEA-6	14	2964	4875	4891
≥.12		2	1	1			1		2	1						21	SEA-5	29	3360	4953	5010
≥.11	5	1	4	2	1	4	1	2	1			1	1	1	2	41	SEA-4	67	4312	5074	5244
≥.10	6	8	7	7	8	2	2	5	5		1	3	3	2	4	52	SEA-2	115	4244	4698	5135
≥.08	25	33	31	11	19	7	10	8	8	5	5	8	2	2	3	54	588-1	231	2648	2761	4398
≥.06	55	30	31	26	17	17	13	9	8	5	5	5	9	4	4	20	306-1	260	1558	1572	4257
≥.05	83	40	28	24	10	10	15	6	7	2	7	5	4	1	4	11	282-1	257	1190	1203	4252
≥.04	76	40	32	18	10	10	8	6	4	2	5	4	1		1	8	282-1	225	903	912	4246
≥.03	71	47	20	20	13	5	3	3	1	1	3	2		1		6	282-1	191	655	664	4246
≥.02	56	22	22	10	4	5	1	2		2	1	1	1	1		4	150-1	132	422	430	4246
≥.01	16	12	8	2	2	2		1	1	1						3	150-1	48	178	186	4246

HOURS INTERVAL BETWEEN EVENTS

9 51.7N 158.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																7	SEA-6	7	2276	4264	4265
≥.14																8	SEA-6	8	[illegible]	4261	4265
≥.13					1								1			10	SEA-6	12	2413	4313	4322
≥.12				1				1			1	1		1		15	SEA-6	20	2779	4488	4525
≥.11	2	4	1	1			1	1			1		1		2	24	SEA-6	38	3418	4825	4922
≥.10	4	5	1	3	3	2	4	2		2	1	3		2		50	SEA-5	82	4625	5714	[illegible]
≥.08	22	22	24	14	14	10	6	8	5	4	6	5	5	2	6	60	1278-1	213	3104	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	120-1	79	318	318	4243

HOURS INTERVAL BETWEEN EVENTS

11 51.3N 158.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4266
≥.13																13	SEA-8	13	3399	4631	4647
≥.12	4	1	1				1	2	1			1			1	25	SEA-8	37	4105	5032	5086
≥.11	5	1	2	1	1	2	3	2	1	1			2	2	2	43	SEA-7	68	4868	5676	5893
≥.10	18	12	11	8	10	3	4	5	5	5	2	2	1	6	3	64	1812-1	159	4430	4724	5347
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	810-1	251	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48-1	22	52	52	4245

HOURS INTERVAL BETWEEN EVENTS

12 50.9N 145.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100	100	4246

HOURS INTERVAL BETWEEN EVENTS

14 49.3N 174.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4264	4265
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48-1	32	86	86	4241

HOURS INTERVAL BETWEEN EVENTS

15 49.0N 128.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60-1	57	179	179	4242

HOURS INTERVAL BETWEEN EVENTS

17 45.8N 139.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	858	858	[illegible]

HOURS INTERVAL BETWEEN EVENTS

18 45.6N 144.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	[illegible]	[illegible]
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

20 44.2N 152.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

21 43.7N 128.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

2

SPRING

WAVE SLOPE (α)

22 — 42.8N 167.5W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13	1															8	SEA-6	9	2260	4391	4398
≥.12													1			18	SEA-7	19	3198	4754	4780
≥.11	2	3	1	3	1			4	1	1	1	2	1	1	1	31	SEA-6	53	4283	5538	5666
≥.10	15	3	10	5	6	6	4	7	1	3	5	7	3	1	2	63	SEA-2	141	4846	5196	5681
≥.08	43	35	27	15	20	16	6	12	11	4	5	3	5	3	3	39	738-1	247	2229	2256	4439
≥.06	60	38	30	27	22	10	9	6	3	7	2	3	4	1	1	12	174-1	230	1102	1116	4275
≥.05	57	38	32	26	12	6	6	6	3	3	4	1	1		1	8	150-1	204	810	813	4267
≥.04	53	46	23	17	6	4	7	4	3	1	2		1	1	1	4	144-1	173	593	596	4257
≥.03	49	38	20	10	3	3	2	1	2		1	3				3	132-1	133	396	397	4255
≥.02	38	14	8	5	2	4	1	1	1		1	1		1	1		90-1	78	220	221	4251
≥.01	9	4	1	3	4					1	1						66-1	23	73	73	4241

HOURS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-6	9	2292	4349	4355
≥.14																9	SEA-6	9	2290	4347	4356
≥.13												1				12	SEA-7	13	2870	4565	4584
≥.12			1		1		1	1				1			2	18	SEA-7	25	3390	4791	4843
≥.11	1	5	1	2	2	1	4	1		1	1	2	1	3	1	32	SEA-6	58	4499	5677	5830
≥.10	15	6	10	5	6	6	8	2	8	6	4	5	3	3	2	64	SEA-1	153	4423	4692	5203
≥.08	39	35	26	20	16	15	7	14	11	9	9	10	7	5	3	47	366-1	273	2411	2444	4377
≥.06	48	44	42	29	22	22	18	10	18	4	3	6	1	1	2	9	156-1	279	1374	1380	4282
≥.05	74	47	36	36	14	21	8	10	5	5	2	2		2	2	2	120-1	266	990	993	4249
≥.04	63	56	40	29	11	11	6	4	5	3		1				1	114-1	230	712	715	4242
≥.03	80	45	29	14	7	3	5	1	3	1	1					1	108-1	190	475	477	4241
≥.02	50	22	14	8	2	4	2		1			1					72-1	104	237	239	4241
≥.01	16	11	1	3	4	1											36-1	36	79	80	4241

HOURS INTERVAL BETWEEN EVENTS

25 — 40.2N 131.2E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																7	SEA-6	7	2300	4264	4265
≥.10												1				8	SEA-6	9	2340	4272	4280
≥.08	9	4	4	4	2	2	4		2	4	1	4		3	4	47	SEA-1	94	3829	4657	4904
≥.06	33	26	33	24	12	14	18	9	6	9	9	9	5	11	4	57	750-1	280	3023	3207	4330
≥.05	62	59	36	37	10	21	14	5	12	20	8	7	8	5	3	38	480-1	345	2578	2682	4316
≥.04	97	83	45	38	20	15	14	12	11	13	6	6	9	3	3	30	354-1	405	2239	2278	4288
≥.03	108	93	54	40	18	10	13	14	11	7	7	5	7	4	4	21	348-1	417	1984	2011	4277
≥.02	162	103	54	34	15	16	15	7	9	6	6	3	4	1	2	17	270-1	401	1662	1674	4258
≥.01	93	90	40	27	16	14	17	6	10	5	6	3	2	1	2	15	264-1	347	1471	1482	4257

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14								1								7	SEA-6	8	2242	4289	4293
≥.13		1			1			1								8	SEA-6	11	2299	4338	4349
≥.12	1	2					1									15	SEA-7	19	2911	4419	4453
≥.11	1	3	2			3										27	SEA-7	36	3966	5353	5437
≥.10	9	7	7	2	1	2	2	2	1	3	1	3	5	6	2	56	SEA-3	109	4420	5547	5848
≥.08	40	32	33	22	16	17	6	10	2	9	8	10	3	4	2	64	714-1	278	2910	2961	4416
≥.06	66	60	46	23	24	24	15	12	7	5	12	2	4	4	4	21	180-1	329	1759	1788	4274
≥.05	95	60	46	30	13	18	13	7	10	5	3	4	5	6	1	9	168-1	325	1346	1362	4270
≥.04	109	64	37	26	15	10	10	7	8		8	2	2	2	1	3	144-1	304	1022	1025	4247
≥.03	102	53	30	19	9	8	7	4	4	5	3		3		2	1	132-1	250	758	761	4246
≥.02	85	28	12	12	11	3	4	3	3	3	1	1		2		1	126-1	169	479	480	4246
≥.01	24	16	8	2	2	2	1	5	1					2		1	126-1	64	215	216	4245

HOURS INTERVAL BETWEEN EVENTS

28 — 36.1N 123.8W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																8	SEA-7	8	2760	4553	4555
≥.10	14	4		1			1		2		2	3			1	38	SEA-3	66	4142	5540	5691
≥.08	83	33	29	9	9	13	11	7	6	12	3	8	8	6	7	45	558-1	289	2330	2379	4297
≥.06	63	39	22	9	9	11	5	5	4	8	5	2	2	7	1	8	162-1	200	931	949	4245
≥.05	55	36	20	9	13	6	4	8	5	3	1		1	2	1	4	150-1	168	638	641	4242
≥.04	51	37	17	7	5	3	6	1	3	2	1		2	1		3	150-1	139	457	458	4242
≥.03	46	26	10	3	5	2	1	1	4	3		1				2	126-1	104	309	309	4241
≥.02	36	16	6	4	2	2	2	2				1				1	96-1	72	182	182	4241
≥.01	15	5	5	1		2	1						1				78-1	30	76	76	4241

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																7	SEA-6	7	2245	4264	4265
≥.12																7	SEA-6	7	2244	4261	4265
≥.11									1							9	SEA-6	10	2553	4645	4655
≥.10	1					2					1					26	SEA-5	30	3495	5169	5257
≥.08	19	17	10	6	9	8	6	4	4	7	3	5	3	3	4	69	1140-1	177	3562	3926	4790
≥.06	54	34	36	18	25	22	15	13	10	11	10	11	4	5	4	36	294-1	308	2255	2298	4330
≥.05	66	46	30	38	21	19	18	12	11	2	5	4	6	2	8	22	282-1	310	1771	1801	4302
≥.04	79	51	39	40	25	16	11	10	9	5	6	2	3	2	3	9	264-1	310	1370	1391	4293
≥.03	88	52	46	25	14	14	11	5	5	3	3	1	2	1	2	6	258-1	278	1035	1052	4291
≥.02	89	46	30	14	9	7	4	3	1	1	1	2	1	1	1	4	144-1	214	637	641	4273
≥.01	42	15	13	8	1	4	3		1							3	132-1	90	256	257	4272

HOURS INTERVAL BETWEEN EVENTS

31 — 35.6N 155.2W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11				1				1								7	SEA-7	9	2588	4302	4306
≥.10	2	1		1	2		1						1			16	SEA-8	24	3632	5358	5414
≥.08	16	11	7	3	8	10	7	1	2	4	3	3	6	5	1	72	SEA-1	159	4160	4761	5549
≥.06	44	22	19	18	13	12	16	11	12	10	6	10	3	5	6	49	726-1	256	2464	2554	4416
≥.05	67	28	29	22	17	15	17	13	7	11	8	5	4	5	6	30	684-1	285	1977	2035	4355
≥.04	75	28	37	28	19	28	15	10	11	11	7	3	4	2	2	14	234-1	293	1535	1568	4274
≥.03	68	42	37	27	28	16	11	9	2	8	4	3		1	1	12	162-1	268	1189	1204	4273
≥.02	73	46	24	20	11	12	7	9	2	1	1	3			1	6	162-1	216	778	779	4261
≥.01	31	17	16	9	8	5	7	4				1				2	114-1	100	347	347	4257

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																7	SEA-6	7	2230	4264	4265
≥.11	1															9	SEA-6	10	2268	4257	4265
≥.10			1	1						1	1				1	12	SEA-8	17	3456	5148	5181
≥.08	9	8	1	2	2	2	1		3	3	3	2	1	6	1	59	SEA-3	103	4440	5330	5766
≥.06	21	11	16	5	13	6	11	7	16	1	5	7	4	6	6	66	1296-1	201	3157	3293	4663
≥.05	46	18	16	21	11	9	7	13	10	10	11	2	8	5	4	50	426-1	241	2544	2648	4425
≥.04	54	29	25	13	15	17	13	8	13	9	9	10	2	4	3	38	384-1	262	2099	2188	4371
≥.03	63	32	23	20	19	14	9	10	13	6	4	7	8	2	7	24	372-1	261	1759	1837	4357
≥.02	79	27	17	22	19	16	8	12	8	5	6	5	6	4	2	16	222-1	252	1372	1413	4306
≥.01	51	28	24	13	12	14	6	7	4	3	5	6	3	1	2	5	186-1	184	864	897	4293

HOURS INTERVAL BETWEEN EVENTS

34 — 34.2N 155.1E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12				1			1									6	SEA-6	8	2219	4271	4273
≥.11			2		1											8	SEA-6	11	2415	4429	4445
≥.10	3	1		1		1			1	1				1	1	22	SEA-6	32	3316	4539	4616
≥.08	27	12	20	6	12	4	8	11	9	7	10	7	6	4	6	71	1512-1	220	3652	3829	4745
≥.06	27	23	31	30	28	26	15	17	12	7	8	5	4	6	4	32	396-1	286	2183	2240	4301
≥.05	66	48	48	32	27	19	16	11	5	8	10	5	3	5	4	17	264-1	325	1725	1753	4289
≥.04	72	58	51	33	31	13	18	10	5	8	4		3	3	1	9	192-1	318	1357	1358	4259
≥.03	90	59	49	28	22	14	7	7	4	3	2	1	1	3		7	144-1	288	1025	1026	4258
≥.02	77	42	28	20	14	7	8	4	3	2		2		2		3	144-1	210	676	677	4241
≥.01	32	23	7	7	9	4	4	1		2		1				2	132-1	92	303	304	4241

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12								1								6	SEA-6	7	2216	4273	4275
≥.11							1								1	8	SEA-6	10	2411	4440	4453
≥.10			1		1	2	2			1		1		1	1	24	SEA-4	34	3508	4978	5045
≥.08	14	16	9	15	10	15	10	6	8	7	7	4	4	2	1	80	882-1	208	3662	3799	4667
≥.06	49	28	42	27	30	26	14	20	8	11	4	7	3	7	5	34	288-1	315	2191	2220	4297
≥.05	72	47	43	28	26	29	10	17	10	8	6	1	9	5	5	15	210-1	326	1725	1743	4292
≥.04	77	61	44	34	29	17	8	8	7	9	7	4	4	1	1	5	156-1	318	1305	1318	4262
≥.03	75	61	37	34	15	10	6	7	5	6	5	3	1			4	150-1	269	970	979	4257
≥.02	77	38	42	16	8	8	6	3		4	2	1				2	126-1	207	610	615	4246
≥.01	27	19	17	6	5	5	2	1	2	1		1					72-1	86	257	259	4244

HOURS INTERVAL BETWEEN EVENTS

37 — 32.9N 119.4W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10				1	1											12	SEA-6	14	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	5	7	7	6	6	9	7	7	[illegible]	7	10	[illegible]	SEA-1	259	[illegible]	4178	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	7	10	17	16	7	5	11	15	3	3	3	6	15	[illegible]	326	1501	1506	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	4	11	17	12	4	7	10	3		3	1	2	7	[illegible]	261	1027	1031	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	12	10	7	5	3	2	2	1			2	1	[illegible]	232	679	682	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			1	[illegible]	197	401	402	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	6	6	6	2	1		1	1	1				1	[illegible]	150	352	352	[illegible]
≥.01	47	16	16	5	3	2	2	1			1				1		90-1	94	222	222	4241

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

Wave slope α	6	12	18	24	30	36	47	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-5	6	2039	4399	4400
≥.10	1															11	SEA-5	12	2323	4501	4511
≥.08	27	16	5	3	5	3	3	5	1	1	6	2	4	4	2	70	732-1	157	3445	3761	4484
≥.06	54	37	18	13	15	14	10	7	7	8	8	5	6	2	6	39	318-1	249	1983	2023	4284
≥.05	74	31	10	11	9	12	10	8	10	7	7	7	2	7	2	23	306-1	230	1493	1511	4266
≥.04	72	28	17	15	16	12	14	11	9	3	7	7	2	2	2	12	186-1	222	1111	1122	4256
≥.03	52	27	19	14	10	13	10	7	3	2	2	1	4	3		7	132-1	174	778	782	4246
≥.02	37	27	13	10	6	8	9	2	3	1	1	1		2		4	120-1	124	485	486	4241
≥.01	17	11	11	3	3	2	2	3	2		1		2		1	1	120-1	59	239	239	4241

HOURS INTERVAL BETWEEN EVENTS

40 — 29.6N 106.0W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.14																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.13																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.12																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.11																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.10																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	74	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.14																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.13																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.12																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.11																7	SEA-6	7	[illegible]	[illegible]	[illegible]
≥.10							1					1				11	SEA-5	13	[illegible]	[illegible]	[illegible]
≥.08	15	7	5	[illegible]	[illegible]		4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	161	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2770	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	114-1	151	539	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) INTERVALS (Cont'd)

23 — 42.4N 172.1E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-6	9	2292	4349	4355
≥.14																9	SEA-6	9	2290	4347	4356
≥.13												1				12	SEA-7	13	2870	4565	4584
≥.12			1		1		1	1				1			2	18	SEA-7	25	3490	4791	4843
≥.11	1	5	1	2	2	1	4	1		1	1	2	1	3	1	32	SEA-6	58	4499	5677	5830
≥.10	15	6	10	5	6	6	8	2	8	6	4	5	3	3	2	64	SEA-1	153	4423	4692	5203
≥.08	39	35	26	20	16	15	7	14	11	9	9	10	7	5	3	47	366-1	273	2411	2444	4377
≥.06	48	44	42	29	22	22	18	10	18	4	3	6	1	1	2	9	156-1	279	1374	1380	4282
≥.05	74	47	36	36	14	21	8	10	5	5	2	2		2	2	2	120-1	266	990	993	4249
≥.04	63	56	40	29	11	11	6	4	5	3		1				1	114-1	230	712	715	4242
≥.03	80	45	29	14	7	3	5	1	3	1	1					1	108-1	190	475	477	4241
≥.02	50	22	14	8	2	4	2		1			1					72-1	104	237	239	4241
≥.01	16	11	1	3	4	1											36-1	36	79	80	4241

HOURS INTERVAL BETWEEN EVENTS

24 — 41.0N 134.9W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																8	SEA-6	8	2437	4263	4265
≥.11									1							11	SEA-6	12	2564	4300	4313
≥.10	2	3	1	2		2				2		1				33	SEA-7	46	4395	5641	5745
≥.08	25	15	14	9	9	12	5	3	5	4	4	7	5	5	5	56	1320-1	183	3379	3562	4630
≥.06	45	21	12	22	15	8	9	12	7	9	6	7	7	6	5	42	342-1	233	2123	2196	4320
≥.05	58	26	34	21	10	24	13	14	8	7	6	8	4	6	2	22	336-1	263	1663	1730	4306
≥.04	65	36	31	22	19	14	14	10	4	6	8	4	2	1	2	12	306-1	250	1254	1313	4276
≥.03	64	35	25	14	13	14	8	7	2	10	3	2	2	1	1	9	[illegible]-1	210	970	987	4262
≥.02	42	27	23	12	13	8	11	4	4	2	2	1	1		1	3	[illegible]-1	154	645	665	4250
≥.01	25	15	12	11	6	2	1	4		1					1	2	210-1	80	299	303	4242

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14								1								7	SEA-6	8	2242	4289	4293
≥.13		1			1			1								8	SEA-6	11	2299	4338	4349
≥.12	1	2					1									15	SEA-7	19	2911	4419	4453
≥.11	1	3	2			3										27	SEA-7	36	3966	5353	5437
≥.10	9	7	7	2	1	2	2	2	1	3	1	3	5	6	2	56	SEA-3	109	4420	5547	5848
≥.08	40	32	33	22	16	17	6	10	2	9	8	10	3	4	2	64	714-1	278	2910	2961	4416
≥.06	66	60	46	23	24	24	15	12	7	5	12	2	4	4	4	21	180-1	329	1759	1788	4274
≥.05	95	60	46	30	13	18	13	7	10	5	3	4	5	6	1	9	168-1	325	1346	1362	4270
≥.04	109	64	37	26	15	10	10	7	8		8	2	2	2	1	3	144-1	304	1022	1025	4247
≥.03	102	53	30	19	9	8	7	4	4	5	3		3		2	1	132-1	250	758	761	4246
≥.02	85	28	12	12	11	3	4	3	3	3	1	1		2		1	126-1	169	479	480	4246
≥.01	24	16	8	2	2	2	1	5	1					2		1	126-1	64	215	216	4245

HOURS INTERVAL BETWEEN EVENTS

27 — 36.2N 127.4W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																7	SEA-6	7	2225	4264	4265
≥.11																7	SEA-6	7	2224	4262	4265
≥.10	1	3		1					1		1	1		2		28	SEA-6	38	4220	5691	5794
≥.08	31	19	11	8	11	10	7	3	10	8	6	5	7	2	8	61	414-2	207	2837	2908	4421
≥.06	52	20	14	16	12	20	4	9	5	5	6	7	4	4	4	19	198-1	201	1293	1303	4261
≥.05	60	26	18	14	13	6	10	5	6	2	7	3	3	1	1	11	168-1	186	917	920	4250
≥.04	41	18	15	17	10	6	10	3	6	3	2			3	2	6	138-1	142	663	666	4247
≥.03	35	26	13	10	5	7	7	1	2	1			3	1	1	5	114-1	117	472	473	4241
≥.02	28	13	12	9	4	2	4	1	1		2		2			3	108-1	81	302	302	4241
≥.01	13	8	6	3	4	3	1		1	1	2						66-2	42	145	145	4241

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																7	SEA-6	7	2245	4264	4265
≥.12																7	SEA-6	7	2244	4261	4265
≥.11									1							9	SEA-6	10	2553	4645	4655
≥.10	1					2					1					26	SEA-5	30	3495	5189	5257
≥.08	19	17	10	6	9	8	6	4	4	7	3	5	3	3	4	69	1140-1	177	3562	3995	4790
≥.06	54	34	36	18	25	22	15	13	10	11	10	11	4	5	4	36	294-1	308	2255	2298	4330
≥.05	66	46	30	38	21	19	18	12	11	2	5	4	6	2	8	22	282-1	310	1771	1801	4302
≥.04	79	51	39	40	25	16	11	10	9	5	6	2	3	2	3	9	264-1	310	1370	1391	4293
≥.03	88	52	46	25	14	14	11	5	5	3	3	1	2	1	2	6	258-1	278	1035	1052	4291
≥.02	89	46	30	14	9	7	4	3	1	1	1	2	1	1	1	4	144-1	214	637	641	4273
≥.01	42	15	13	8	1	4	3		1							3	132-1	90	256	257	4272

HOURS INTERVAL BETWEEN EVENTS

30 — 35.7N 176.1E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																7	SEA-6	7	2239	4296	4297
≥.12											1					7	SEA-6	8	2250	4307	4311
≥.11	1							1								8	SEA-6	10	2513	4299	4314
≥.10				1	1	1	1		2		1					30	SEA-5	37	3762	5107	5172
≥.08	18	10	11	9	9	7	11	7	8	4	5	5	5	5	2	70	1458-1	186	3768	3892	4722
≥.06	50	33	26	24	31	22	21	11	16	12	10	5	12	6	4	27	252-1	310	2187	2220	4284
≥.05	63	49	36	34	29	23	12	12	13	7	6	8	4	1	3	16	198-1	316	1663	1675	4260
≥.04	70	61	39	38	22	15	15	13	5	5	5	3	3	2	2	8	150-1	306	1318	1327	4255
≥.03	97	62	35	24	17	11	11	6	3	4	5	4	2		1	7	126-1	289	1036	1040	4253
≥.02	75	50	28	19	8	8	5	4	2	1	1	1	1	1	1	3	120-1	208	636	638	4251
≥.01	32	21	12	7	4	3	1	2			1	1		1			84-1	85	236	237	4241

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																7	SEA-6	7	2230	4264	4265
≥.11	1															9	SEA-6	10	2268	4257	4265
≥.10			1	1						1	1				1	12	SEA-8	17	3456	5148	5181
≥.08	9	8	1	2	2	2	1		3	3	3	2	1	6	1	59	SEA-3	103	4440	5330	5766
≥.06	21	11	16	5	13	6	11	7	16	1	5	7	4	6	6	66	1296-1	201	3157	3293	4663
≥.05	46	18	16	21	11	9	7	13	10	10	11	2	8	5	4	50	426-1	241	2544	2648	4425
≥.04	54	29	25	13	15	17	13	8	13	9	9	10	2	4	3	38	384-1	262	2099	2188	4371
≥.03	63	32	23	20	19	14	9	10	13	6	4	7	8	2	7	24	372-1	261	1759	1837	4357
≥.02	79	27	17	22	19	16	8	12	8	5	6	5	6	4	2	16	222-1	252	1372	1413	4306
≥.01	51	28	24	13	12	14	6	7	4	3	5	6	3	1	2	5	186-1	184	864	897	4293

HOURS INTERVAL BETWEEN EVENTS

33 — 34.6N 145.9E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12			1													6	SEA-6	7	2211	4264	4265
≥.11			1	1	1											10	SEA-6	13	2372	4263	4271
≥.10		4		3					1	1				1	1	28	SEA-4	39	3782	5216	5281
≥.08	19	11	9	7	6	15	6	12	6	10	5	10	5	2	2	76	1278-1	201	3465	3639	4532
≥.06	40	29	32	27	29	26	22	12	14	7	14	7	8	4	7	34	480-1	312	2356	2386	4294
≥.05	68	57	43	31	24	22	11	16	7	11	6	5	5	2	2	25	330-1	335	1872	1897	4267
≥.04	74	56	50	30	29	16	12	14	9	7	3	3	2	3	6	12	156-2	326	1519	1529	4258
≥.03	71	74	37	26	25	14	13	11	3	9	2	1	2	5		5	150-1	298	1179	1189	4253
≥.02	86	50	29	22	13	7	3	8	3	4	1	2	3	1		3	132-1	235	766	769	4252
≥.01	47	26	21	10	5	4	1	1	2	1	1		2				78-2	121	331	332	4241

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12								1								6	SEA-6	7	2216	4273	4275
≥.11							1								1	8	SEA-6	10	2411	4440	4453
≥.10			1		1	2	2			1		1		1	1	24	SEA-4	34	3508	4978	5045
≥.08	14	16	9	15	10	15	10	6	8	7	7	4	4	2	1	80	882-1	208	3662	3799	4667
≥.06	49	28	42	27	30	26	14	20	8	11	4	7	3	7	5	34	288-1	315	2191	2220	4297
≥.05	72	47	43	28	26	24	10	17	10	8	6	1	9	5	5	15	210-1	326	1725	1743	4292
≥.04	77	63	44	34	29	17	8	8	7	9	7	4	4	1	1	5	156-1	318	1305	1318	4262
≥.03	75	61	37	34	15	10	6	7	5	6	5	3	1			4	150-1	269	970	979	4257
≥.02	77	38	42	16	8	8	6	3		4	2	1				2	126-1	207	610	615	4246
≥.01	27	19	17	6	5	5	2	1	2	1		1					72-1	86	257	259	4244

HOURS INTERVAL BETWEEN EVENTS

36 — 33.7N 123.9E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4264	4264
≥.14																6	SEA-6	6	2208	4264	4264
≥.13																6	SEA-6	6	2208	4264	4264
≥.12																6	SEA-6	6	2208	4264	4264
≥.11												1				6	SEA-6	7	2220	4262	4264
≥.10												1				8	SEA-6	9	2430	4257	4264
≥.08	6	7	1	1	8	5	1	4	2	4	3	1	2	6	5	54	SEA-1	110	3805	4683	4981
≥.06	47	33	22	18	17	18	8	14	11	9	10	5	8	7	6	60	762-1	293	3048	3189	4443
≥.05	64	36	33	18	23	17	15	10	11	10	6	8	5	9	5	40	474-1	310	2462	2578	4302
≥.04	80	47	48	25	25	21	15	11	10	12	7	5	8		3	32	276-1	349	2102	2189	4294
≥.03	76	60	46	21	18	24	15	15	9	11	7	5	1	2	5	23	198-1	338	1819	1887	4272
≥.02	86	64	32	23	21	22	17	15	7	12	2	5		2	2	15	162-1	325	1494	1557	4262
≥.01	85	52	22	27	17	18	13	11	7	7	3	4		3	3	9	162-1	281	1216	1267	4251

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-5	6	2039	4399	4400
≥.10	1															11	SEA-5	12	2373	4501	4511
≥.08	27	16	5	3	5	3	3	5	1	1	6	2	4	4	2	70	732-1	157	3445	3761	4484
≥.06	54	37	18	13	15	14	10	7	7	8	8	5	6	2	6	39	318-1	249	1983	2023	4294
≥.05	74	31	10	11	9	12	10	8	10	7	7	7	2	7	2	23	306-1	230	1499	1511	4266
≥.04	72	26	17	15	16	12	14	11	9	3	7	2	2	2	2	12	186-1	222	1111	1122	4246
≥.03	52	27	19	14	10	14	10	7	3	2	2	1	4	3		7	132-1	174	778	782	4246
≥.02	37	27	13	10	6	8	9	2	3	1	1	1		2		4	120-1	124	485	486	4241
≥.01	17	11	11	3	3	2	2	3	2		1		2		1	1	120-1	59	239	239	4241

HOURS INTERVAL BETWEEN EVENTS

39 — 29.9N 177.3W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12								1								6	SEA-6	7	2216	4262	4265
≥.11			2													6	SEA-6	8	2214	4258	4265
≥.10																9	SEA-6	9	2504	4611	4636
≥.08	7	4	1	3		2	2	1	3					2	1	51	SEA-2	77	4027	4877	5221
≥.06	46	10	10	11	11	20	13	9	5	6	7	5	6	7	3	59	570-1	228	[illegible]	[illegible]	[illegible]
≥.05	65	29	22	21	26	12	11	7	14	5	8	8	4	5	5	45	504-1	287	[illegible]	2601	[illegible]
≥.04	91	39	39	21	20	17	13	10	11	7	5	6	5	6	3	28	270-1	321	[illegible]	2029	[illegible]
≥.03	82	51	30	30	17	9	12	14	7	5	6	2	3	6	4	21	216-1	299	1602	1673	4302
≥.02	71	46	29	18	13	10	11	3	8	4	2	3	4	3	2	12	180-1	239	[illegible]	1144	4270
≥.01	45	14	18	12	7	6	4	4	3	1	1	4	2	1	1	4	108-2	127	527	564	4260

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																7	SEA-6	7	2444	4501	4502
≥.10							1					1				11	SEA-5	13	3094	4996	5006
≥.08	15	7	1	3	6		4	1	7	2	5	4	3	5	3	75	714-1	141	3543	3951	4430
≥.06	31	21	15	15	16	12	19	21	21	9	12	6	9	7	5	54	360-1	273	2770	2844	4320
≥.05	51	30	22	25	25	21	25	18	14	17	8	9	6	3	5	33	318-1	312	2307	2356	4309
≥.04	53	45	33	27	30	24	22	18	12	10	10	3	4	6	4	22	168-1	323	1920	1961	4282
≥.03	76	48	37	39	23	19	23	12	7	10	5	12	2	3	2	10	[illegible]	326	1573	1597	4275
≥.02	82	66	34	26	15	9	11	12	4	8	6	7	2	2	1	3	[illegible]	288	1120	1129	4263
≥.01	44	34	19	13	10	9	4	8	1	5	1	2				1	114-1	151	530	535	4241

HOURS INTERVAL BETWEEN EVENTS

42 — 28.8N 139.2W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.13																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.12																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.11																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.10			1													7	SEA-6	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	13	2	3	4	2			2						3	1	40	SEA-3	70	[illegible]	[illegible]	5167
≥.06	79	24	14	11	6	8	8	5	4	7	5	4	4	4	6	56	[illegible]	245	[illegible]	[illegible]	[illegible]
≥.05	68	18	14	14	11	5	6	10	11	5	11	4	3	4	3	41	[illegible]	231	2017	2211	[illegible]
≥.04	87	30	29	14	18	11	8	13	11	8	5	5	6	3	3	22	[illegible]	274	1615	1711	[illegible]
≥.03	84	29	20	15	10	11	12	10	10	6	6	4	6	1	4	15	[illegible]	243	[illegible]	1322	[illegible]
≥.02	84	29	17	14	11	10	15	7	7	10	2	5	3	1		4	174-1	219	[illegible]	914	[illegible]
≥.01	60	33	9	12	5	8	8	3	1	4	2	2		1			[illegible]	148	463	484	[illegible]

HOURS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) INTERVALS (Cont'd)

43 — 28.2N 125.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4264	4264
≥.14																6	SEA-6	6	2208	4264	4264
≥.13																6	SEA-6	6	2208	4264	4264
≥.12																6	SEA-6	6	2208	4264	4264
≥.11																6	SEA-6	6	2208	4264	4264
≥.10												1			1	7	SEA-6	9	2264	4259	4264
≥.08	9	1	5	2	2	4	2	4	1	2	2	4	5	2	1	52	1572-1	98	3771	4341	4610
≥.06	56	19	17	14	17	14	12	14	10	12	7	7	7	6	6	63	474-1	281	2870	3044	4293
≥.05	58	37	37	19	17	10	21	16	11	3	15	11	4	7	4	47	282-1	317	2436	2545	4281
≥.04	88	48	41	32	30	23	14	18	10	6	6	4	5	8	3	26	210-1	362	2017	2072	4276
≥.03	101	54	53	34	31	17	15	11	7	10	3	6	5	6	1	15	168-1	369	1695	1729	4258
≥.02	106	57	53	34	16	16	10	9	8	5	4	6	3	2	5	6	138-1	339	1324	1330	4258
≥.01	84	54	30	19	19	12	8	7	4	4	2	4		1	3	2	102-2	253	876	881	4256

HOURS INTERVAL BETWEEN EVENTS

44 — 27.9N 150.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10																11	SEA-6	11	2630	4738	4753
≥.08	5	3	5	3	3	1	1	1	2	2	1	1	1	4	1	49	SEA-1	83	4468	5191	5492
≥.06	36	23	9	12	21	10	8	9	9	4	11	9	4	5	6	62	852-1	238	3358	3440	4610
≥.05	68	25	21	23	20	14	14	11	15	6	11	12	6	4	6	46	576-1	302	2662	2713	4340
≥.04	94	42	36	30	23	17	22	12	11	4	6	14	3	2	3	34	300-1	353	2170	2211	4307
≥.03	107	39	49	29	25	25	7	16	4	9	2	7	1	3	2	22	300-1	347	1754	1766	4280
≥.02	114	46	34	24	20	14	12	10	7	1	2		1	3	3	10	246-1	301	1185	1193	4241
≥.01	59	25	16	13	7	3	8	5	3	2	1	2		1	1	2	102-1	148	502	504	4241

HOURS INTERVAL BETWEEN EVENTS

46 — 26.1N 170.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10	1															7	SEA-5	8	2307	4362	4364
≥.08	13	4	2	3		1	3		1	1	1		1	1		44	SEA-2	75	3973	4624	4912
≥.06	54	12	14	9	8	7	12	7	7	4	7	7	4	4	3	53	594-1	212	2911	3262	4521
≥.05	68	24	17	8	11	14	13	7	8	4	10	8	2	1	5	48	576-1	248	2506	2685	4425
≥.04	83	40	32	13	7	18	10	6	7	5	7	3	4	9	4	36	420-1	284	2044	2135	4350
≥.03	90	29	27	20	14	16	14	8	8	11	4	3	4	4	3	24	420-1	279	1703	1737	4326
≥.02	73	34	20	22	18	11	10	6	5	5	1	3	2	4	2	16	312-1	232	1206	1239	4268
≥.01	53	24	18	8	6	7	2	5	2	1	1	4		3	2	9	144-1	145	662	665	4261

HOURS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10																6	SEA-6	6	2208	4263	4265
≥.08	10	5	2	1		2	2	1	1		2		1	1		42	SEA-3	70	4032	4847	5012
≥.06	89	32	26	17	13	7	12	10	6	7	7	7	7	1	5	57	552-1	303	2675	2735	4362
≥.05	129	48	38	21	17	17	10	12	7	9	7	4	5	2	2	35	330-1	363	2059	2067	4294
≥.04	134	55	38	23	19	16	6	15	7	3	4	1	4	2	3	19	168-2	349	1472	1477	4253
≥.03	100	49	26	15	15	15	9	4	4		7	1		1	3	7	156-1	256	917	917	4252
≥.02	42	22	18	7	7	4	5	1	2	1				1		1	126-1	111	333	333	4244
≥.01	21	5	3	3			2	1									48-1	35	74	74	4241

HOURS INTERVAL BETWEEN EVENTS

49 — 22.6N 128.0E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10	1										1					8	SEA-6	10	2307	4318	4327
≥.08	13	6	2	3		1	1			1	1	1	2	1	1	42	1260-1	75	3089	4196	4442
≥.06	50	16	12	10	11	3	10	10	6	2	6	2	9	4	3	71	684-1	225	3033	3243	4329
≥.05	81	21	26	17	10	13	12	12	8	14	8	7	5	2	7	55	414-1	298	2643	2751	4325
≥.04	97	47	40	21	18	23	12	14	9	9	6	11	8	3	7	28	414-1	353	2156	2207	4271
≥.03	120	56	40	29	22	21	13	9	9	4	6	9	2	2	6	16	330-1	364	1721	1758	4269
≥.02	115	53	46	21	14	10	15	6	5	7	4	4	5	1		6	180-1	312	1137	1154	4248
≥.01	80	35	22	10	14	3	3	1		3	1	1	2		1		90-1	176	467	472	4245

HOURS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10																8	SEA-7	8	2614	4387	4389
≥.08	20	10	9	3	2		4	1	2	2	1			4	1	36	SEA-2	95	3436	4382	4745
≥.06	84	30	17	10	10	12	6	3	5	6	3	5	5	4	1	50	564-1	251	2308	2586	4306
≥.05	83	34	25	20	7	8	6	3	7	6	4	4	6	3	2	38	978-1	256	2005	2056	4282
≥.04	107	37	20	8	15	10	6	8	5	8	3	6	2	3	1	30	420-1	269	1570	1592	4273
≥.03	92	41	21	13	14	10	7	5	8	5	5	2	3	6	2	18	300-1	252	1232	1252	4245
≥.02	109	20	30	14	13	6	10	2	6	2	2	2	4	4	4	8	180-1	236	932	949	4245
≥.01	85	37	19	12	10	7	9	1	2	1	1	2	2			2	96-2	190	548	550	4241

HOURS INTERVAL BETWEEN EVENTS

52 — 19.2N 127.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11	1															7	SEA-6	8	2334	4391	4394
≥.10																9	SEA-5	9	2593	4904	4913
≥.08	39	15	13	4	4	3	6	4	4	1	2	2	3	3	2	63	SEA-1	168	3836	4020	4551
≥.06	108	42	32	15	15	13	5	15	5	3	3	2	4	2	6	26	642-1	303	1687	1695	4279
≥.05	125	39	29	17	14	6	11	4	7	4	3	2	3	2	5	12	360-1	279	1131	1141	4272
≥.04	117	40	24	13	15	6	4	4	2	5	2	1	2	1	3	4	198-1	242	772	776	4256
≥.03	90	30	23	9	9	4	3	1	3	1	1			1	1	3	132-2	180	538	508	4241
≥.02	44	21	13	8	2	5	1	1	1					2			84-2	98	249	249	4241
≥.01	19	3	1	2	1												36-1	26	42	42	4241

HOURS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																8	SEA-6	8	2692	4727	4731
≥.11																8	SEA-6	8	2554	4716	4726
≥.10	4	1			2				1	1	1					11	SEA-3	23	2625	4843	4889
≥.08	19	11	5	4	3		2	4	1	2	4	4		4	3	43	SEA-1	107	3440	4401	4786
≥.06	51	18	6	11	9	6	4	7	2	6	1	4	8	3	5	55	774-1	207	3106	3248	4366
≥.05	80	40	30	12	13	13	12	12	6	10	13	7	4	3	4	42	684-1	256	2697	2812	4352
≥.04	123	52	37	24	17	20	16	14	8	12	7	7	4	4	3	35	684-1	336	2387	2444	4323
≥.03	124	63	51	17	21	17	13	13	18	11	10	4	3	4	6	21	678-1	386	2023	2086	4282
≥.02	131	67	48	22	15	13	13	17	5	5	8	5	3	2	5	10	372-1	369	1551	1589	4260
≥.01	97	44	25	13	17	5	11	4	7	5	6	5	3	1	3	2	180-1	245	941	949	4255

HOURS INTERVAL BETWEEN EVENTS

55 — 17.6N 138.5E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4264	4264
≥.14																6	SEA-6	6	2208	4264	4264
≥.13																6	SEA-6	6	2208	4264	4264
≥.12																6	SEA-6	6	2208	4264	4264
≥.11																7	SEA-5	7	2369	4452	4454
≥.10		1					1									15	SEA-4	15	2707	4767	4798
≥.08	36	20	7	5	1	3	3	2	3	4	1	4	2	2		53	SEA-1	145	3879	4298	[illegible]
≥.06	63	40	14	7	13	5	5	10	4	7	4	9	1	3	2	55	528-1	242	2543	2583	4321
≥.05	81	29	28	14	13	7	11	7	7	4	3	2	3	6	1	44	414-1	260	2096	2128	4306
≥.04	78	38	26	14	11	10	9	9	10	9	5	6	2	3	4	28	306-2	262	1719	1746	4283
≥.03	69	33	21	15	12	13	13	9	8	4	3	7	6	4	3	18	264-1	238	1433	1455	4279
≥.02	57	35	23	15	7	8	7	6	9	7	9	1	2	2	2	12	228-1	202	1055	1069	4264
≥.01	33	29	13	7	8	10	9	5	1	1	3	1	1		2	4	144-1	127	553	554	4248

HOURS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11		1														7	SEA-6	7	2210	4393	4397
≥.10																8	SEA-6	10	2522	4425	4438
≥.08	2	3	1	1												35	1854-1	45	[illegible]	4803	5004
≥.06	75	17	23	10	16	14	10	5	7	10	8	6	6	3	6	74	726-1	290	3530	3649	4459
≥.05	118	53	35	24	21	28	25	10	10	12	12	8	3	11	6	37	528-1	411	2930	3013	4411
≥.04	191	80	51	35	24	27	20	9	12	10	5	5	6	10	3	24	258-1	512	2293	2312	4271
≥.03	217	83	45	42	28	20	13	9	10	4	3	3	5	4	4	14	180-1	504	1787	1798	4263
≥.02	185	82	38	26	19	6	8	11	8	5	5	1	2	1	1	4	126-1	402	1160	1167	4257
≥.01	71	27	16	9	11	5	7	4	1	1			1			1	108-1	154	425	425	4255

HOURS INTERVAL BETWEEN EVENTS

58 — 14.5N 127.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																7	SEA-6	7	2248	4264	4265
≥.12																7	SEA-6	7	2247	4261	4265
≥.11																7	SEA-6	7	2246	4259	4265
≥.10	1															10	SEA-6	11	2551	4537	4551
≥.08	9	6	4	2		2			1	1			2		1	31	SEA-3	59	3462	4669	4893
≥.06	48	17	16	5	6	9	7	6	5	5	4	5	1	3	2	59	978-1	199	3535	3722	4555
≥.05	76	27	24	12	17	15	11	8	5	8	8	7	5	5	4	51	774-1	278	3060	3165	4409
≥.04	98	40	37	23	20	18	20	14	8	6	14	4	3	4	3	36	558-1	348	2557	2634	4292
≥.03	122	49	44	23	27	17	17	8	8	7	3	6	1	9	3	33	288-1	377	2130	2174	4269
≥.02	101	51	45	24	17	22	16	7	4	4	6	1	5	5	1	17	210-2	326	1543	1577	4263
≥.01	61	28	39	15	3	10	12	7	4	8	1	1	2	3		10	210-1	204	934	960	4258

HOURS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																7	SEA-6	7	2122	4264	4265
≥.10																9	SEA-6	9	2743	4684	4693
≥.08	12	9	6	2		1	6	4	2	1			2	3	2	43	SEA-2	93	3795	4479	4870
≥.06	108	36	41	21	14	8	14	6	3	8	9	4	5	2	1	20	372-1	300	1575	1600	4261
≥.05	94	42	30	9	12	10	3	2	5	4	3	3	3		1	11	282-1	232	961	965	4257
≥.04	98	31	16	10	8	4	3	2	3	5	1	2	2		3	3	144-1	191	596	599	4247
≥.03	60	27	4	3	3	3	2	4	2	4	2	2			1	1	126-1	118	357	358	4244
≥.02	37	5	2	1	4			2	1	1	1	1				1	126-1	56	156	157	4241
≥.01	7		2						1				1				78-1	11	35	35	4241

HOURS INTERVAL BETWEEN EVENTS

61 — 12.0N 156.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																7	SEA-6	7	2451	4264	4265
≥.10	1		2													11	SEA-6	14	2730	4468	4481
≥.08	35	8	8	1	4	2	4	4	2	3	1	1	4	2	2	36	SEA-4	117	[illegible]	[illegible]	[illegible]
≥.06	152	33	35	7	6	10	10	7	5	7	6	4	3	5	4	42	492-1	335	2312	2381	4318
≥.05	166	22	25	11	14	9	8	10	3	3	5	2	4	2	5	29	324-1	330	1661	1677	4277
≥.04	142	23	13	13	6	6	11	3	5	3	2	3	2	2	1	18	180-1	273	1108	1117	4270
≥.03	96	29	18	10	7	8	5	2	3		5	3	1		1	8	144-1	195	670	672	4262
≥.02	58	16	14	2	5	6	1	1	2	1	1	2		1	1		90-1	111	308	309	4252
≥.01	16	2	4		2	3	1	1									90-1	28	78	79	4241

HOURS INTERVAL BETWEEN EVENTS

62 — 4.1N 108.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	[illegible]	4265	4265
≥.13																6	SEA-6	6	[illegible]	4265	4265
≥.12																6	SEA-6	6	[illegible]	4265	4265
≥.11																6	SEA-6	6	[illegible]	4265	4265
≥.10																6	SEA-6	6	[illegible]	4265	4265
≥.08																6	SEA-6	6	[illegible]	4265	4265
≥.06	1															9	SEA-6	10	[illegible]	[illegible]	[illegible]
≥.05	1		2	1												12	SEA-6	16	2740	[illegible]	[illegible]
≥.04	4	3	2	1	1				1	1		1			1	13	SEA-6	36	[illegible]	[illegible]	[illegible]
≥.03	2	6	1	4	3	1	2	1				1		1		26	SEA-5	48	[illegible]	[illegible]	[illegible]
≥.02	12	8	4	4	5	2	2	1		1	1	3		3	1	37	SEA-3	84	[illegible]	[illegible]	[illegible]
≥.01	9	9	9	5	4	3	3	3	2	3	2	3	1	3	1	48	1614-1	108	[illegible]	3749	[illegible]

HOURS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10																11	SEA-6	11	2630	4738	4753
≥.08	5	3	5	3	3	1	1	1	2	2	1	1	1	4	1	49	SEA-1	83	4468	5191	5492
≥.06	36	23	9	12	21	10	8	9	9	4	11	9	4	5	6	62	852-1	238	3358	3440	4610
≥.05	68	25	21	23	20	14	14	11	15	6	11	12	6	4	6	46	576-1	302	2662	2713	4340
≥.04	94	42	36	30	23	17	22	12	11	4	6	14	3	2	3	34	300-1	353	2170	2211	4307
≥.03	107	39	49	29	25	25	7	16	4	9	2	7	1	3	2	22	300-1	347	1754	1766	4280
≥.02	114	46	34	24	20	14	12	10	7	1	2		1	3	3	10	246-1	301	1185	1193	4241
≥.01	59	25	16	13	7	3	8	5	3	2	1	2		1	1	2	102-1	148	502	504	4241

HOURS INTERVAL BETWEEN EVENTS

45 27.8N 145.6W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10	1														1	7	SEA-5	9	[illegible]	[illegible]	[illegible]
≥.08	12	10	5		2	1		2	2	3	1		3		1	40	SEA-3	82	3549	4545	4874
≥.06	76	33	14	16	4	6	7	7	6	4	3	8	6		3	58	[illegible]	249	[illegible]	[illegible]	[illegible]
≥.05	86	22	12	9	11	12	9	4	5	2	9	3	10	5	6	37	[illegible]	242	1832	[illegible]	[illegible]
≥.04	88	18	18	13	10	14	9	10	4	6	7	6	8	6	4	21	198-1	242	1457	[illegible]	4261
≥.03	83	25	19	14	11	10	13	10	7	7	5	2	2	2	4	14	156-2	228	1151	[illegible]	4254
≥.02	62	30	21	10	16	15	9	5	4	6	4	2	3	1	1	6	144-1	195	840	846	4248
≥.01	39	14	16	14	12	2	4	1	3	4		1				2	132-1	112	387	387	4241

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10																6	SEA-6	6	2208	4265	4265
≥.08	10	5	2	1		2	2	1	1		2		1	1		42	SEA-3	70	4032	4847	5012
≥.06	89	32	26	17	13	7	12	10	6	7	7	7	7	1	5	57	552-1	303	2675	2735	4362
≥.05	129	48	38	21	17	17	10	12	7	9	7	4	5	2	2	35	330-1	363	2059	2067	4294
≥.04	134	55	38	23	19	16	6	15	7	3	4	1	4	2	3	19	168-2	349	1472	1477	4253
≥.03	100	49	26	15	15	15	9	4	4		7	1		1	3	7	156-1	256	917	917	4252
≥.02	42	22	18	7	7	4	5	1	2	1				1		1	126-1	111	333	333	4244
≥.01	21	5	3	3			2	1									48-1	35	74	74	4241

HOURS INTERVAL BETWEEN EVENTS

48 23.5N 151.8W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10																6	SEA-6	6	2208	4265	4265
≥.08	20	5	6	3	4	1	3	3		2		1	2	3		35	SEA-5	88	3532	4353	4782
≥.06	83	35	17	11	11	7	6	3	5	12	3	3	4	3	7	41	426-1	251	2137	2261	4343
≥.05	82	34	24	6	12	9	10	6	10	9	6	6	4	4	1	25	366-1	248	1597	1643	4277
≥.04	94	33	22	14	15	12	10	10	4	5	2	4	3	3	1	15	168-1	247	1126	1133	4259
≥.03	93	30	21	10	10	11	9	6	2	4	3	2	2		4	6	126-1	213	799	803	4242
≥.02	61	24	10	7	14	7	5	2	4	2	2	1	1	1	1	2	114-1	144	498	499	4242
≥.01	27	10	4	2	4	6	2	1			1	1					72-1	58	168	169	4242

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10																8	SEA-7	8	2614	4387	4389
≥.08	20	10	9	3	2		4	1	2	2	1			4	1	36	SEA-2	95	3436	4382	4745
≥.06	84	30	17	10	10	12	6	3	5	6	3	5	5	4	1	50	564-1	251	2308	2586	4309
≥.05	83	34	25	20	7	8	6	3	7	6	4	4	6	3	2	38	978-1	256	2005	2056	4282
≥.04	107	37	20	8	15	10	6	8	5	8	3	6	2	3	1	30	420-1	269	1570	1592	4273
≥.03	92	41	21	13	14	10	7	5	8	5	5	2	3	6	2	18	300-1	252	1232	1252	4245
≥.02	109	20	30	14	13	6	10	2	6	2	2	2	4	4	4	8	180-1	236	932	949	4245
≥.01	85	37	19	12	10	7	9	1	2	1	1	2	2			2	96-2	190	548	550	4241

HOURS INTERVAL BETWEEN EVENTS

51 20.5N 177.1W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10	1							1						1		8	SEA-7	11	2721	4356	4361
≥.08	18	6	6	3	3	4	5	6	4	1	1			3		35	1932-1	95	3590	4450	4803
≥.06	67	24	18	11	9	7	4	9	8	8	1	4	5	3	3	51	504-1	232	2240	2315	4286
≥.05	79	19	20	11	14	6	14	5	6	3	7	9	5	6	3	27	372-1	234	1706	1755	4271
≥.04	77	31	26	12	10	8	10	2	4	10	9	10	2	2	2	17	246-1	232	1282	1302	4262
≥.03	71	34	16	9	11	8	6	7	5	5	5	5	2	2		10	180-1	196	901	906	4243
≥.02	58	16	18	8	11	8	7	5	3	2	2	2	1	1		3	120-1	145	544	545	4241
≥.01	25	14	9	8	10	1	2	2	3			1				1	120-1	76	257	258	4241

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																8	SEA-6	8	2692	4727	4731
≥.11															1	8	SEA-6	9	2554	4716	4726
≥.10	4	1			2	1				1	1	1			1	11	SEA-3	23	2625	4843	4889
≥.08	19	11	5	4	3		2	4	1	2	4	4		1	4	43	SEA-1	107	3440	4401	4786
≥.06	51	17	18	7	6	11	9	4		4	7	2	8	3	5	55	774-1	207	3109	3248	4366
≥.05	80	40	30	12	13	13	12	12	6	10	13	7	4	3	4	47	684-1	306	2697	2812	4297
≥.04	123	52	37	24	17	20	16	14	8	12	7	7	4	4	3	35	684-1	383	2387	2464	4282
≥.03	126	63	51	17	21	17	13	13	8	11	10	4	3	4	6	21	678-1	386	2023	2086	4264
≥.02	131	67	48	22	15	13	13	17	5	5	8	5	3	2	5	10	372-1	369	1551	1589	4260
≥.01	97	44	25	13	17	5	11	4	2	6	5	3	1	3	2	7	180-1	245	941	949	4255

HOURS INTERVAL BETWEEN EVENTS

54 18.2N 168.8E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10	1		1	3				1								9	SEA-6	15	2446	4425	4446
≥.08	38	12	7	3	7	5	3	2	2		2	1	2	3		46	SEA-1	133	3225	3904	4689
≥.06	108	25	19	12	14	11	4	6	4	5	4	8	4	6	3	38	420-1	271	1903	1919	4286
≥.05	81	13	29	10	2	7	9	5	9	8	6	2	4	1	4	26	378-1	216	1353	1364	4263
≥.04	90	24	32	11	8	12	8	8	5	3	7	1	2	2	3	9	270-1	225	974	974	4243
≥.03	76	22	15	9	4	9	5	8	3	4		1	2	3	1	5	180-1	167	646	646	4242
≥.02	54	12	11	4	6	8	3	1	4	3		1	1	2	1	1	108-1	112	386	386	4241
≥.01	29	5	6	7	1	2	1	2	1				1		1		90-1	56	162	162	4241

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11		1														6	SEA-6	7	2210	4393	4397
≥.10	1							1								8	SEA-6	10	2522	4425	4438
≥.08	2	3	1	1				1			1	1				35	1854-1	45	3371	4903	5004
≥.06	75	17	23	10	16	14	10	5	7	10	8	6	6	3	6	74	726-1	290	3530	3649	4459
≥.05	116	53	35	24	21	28	25	10	10	12	12	8	3	11	6	37	528-1	411	2930	3013	4411
≥.04	191	80	51	35	24	27	20	9	12	10	5	5	6	10	3	24	258-1	512	2293	2312	4271
≥.03	217	83	45	42	28	20	13	9	10	4	3	3	5	4	4	14	180-1	504	1787	1798	4263
≥.02	185	82	38	26	19	6	8	11	8	5	5	1	2	1	1	4	126-1	402	1160	1167	4257
≥.01	71	27	16	9	11	5	7	4	1	1			1			1	108-1	154	425	425	4255

HOURS INTERVAL BETWEEN EVENTS

57 14.9N 147.9E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12	1	1														7	SEA-6	9	2420	4309	4314
≥.11																8	SEA-6	8	2451	[illegible]	4350
≥.10	1		2													16	SEA-5	19	2971	[illegible]	4710
≥.08	50	10	17	5	10	1	15	2	4	3	6		1	1	3	51	SEA-1	179	4093	[illegible]	4975
≥.06	131	29	34	12	16	10	8	8	7	5	6	5	10		5	44	414-1	330	2321	[illegible]	4305
≥.05	181	46	43	23	19	7	10	5	12	2	9	1	1		5	31	[illegible]	395	1849	1863	4291
≥.04	185	48	58	20	17	9	16	2	6	5	7	3	2	2	4	13	228-1	397	1431	1440	4257
≥.03	156	48	59	17	16	5	12	4	1	3	4	2	4	3	1	8	[illegible]	343	1104	1110	4255
≥.02	110	44	36	9	11	10	7	3	1	2	4	1	1		1	4	[illegible]	244	714	715	4247
≥.01	35	18	15	10	1	1	1	2	1	3	2	1			1	1	132-1	92	300	301	4241

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																7	SEA-6	7	2322	4264	4265
≥.10																9	SEA-6	9	2743	4684	4693
≥.08	12	9	6	2		1	6	4	2	1			2	3	2	43	SEA-2	93	3795	4479	4870
≥.06	108	36	41	21	14	8	14	6	3	8	9	4	5	2	1	20	372-1	300	1575	1600	4261
≥.05	94	42	30	9	12	10	3	2	5	4	3	3	3		1	11	282-1	232	951	965	4257
≥.04	98	31	16	10	8	4	3	2	3	5	1	2	2		3	3	144-1	191	596	599	4247
≥.03	60	27	4	3	3	3	2	4	2	4	2	2			1	1	126-1	118	357	358	4244
≥.02	37	5	2	1	4			2	1	1	1	1				1	126-1	56	156	157	4241
≥.01	7		2						1				1				78-1	11	35	36	4241

HOURS INTERVAL BETWEEN EVENTS

60 12.2N 112.6E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10																6	SEA-6	6	2208	4265	4265
≥.08	3	1	2	1			1	2								16	SEA-2	26	2870	[illegible]	[illegible]
≥.06	29	13	12	5	4	4	2	2	1	2	2			3	3	40	1260-[illegible]	120	[illegible]	[illegible]	[illegible]
≥.05	49	24	11	10	9	6	4	4	3	2	1	3	1	4	5	49	1146-[illegible]	[illegible]	3019	[illegible]	[illegible]
≥.04	61	40	18	13	7	5	5	4	5	2	6	8	6		1	60	[illegible]	[illegible]	[illegible]	[illegible]	4274
≥.03	107	42	33	16	4	13	9	6	11	4	12	4	2		5	53	[illegible]	318	[illegible]	[illegible]	4272
≥.02	109	49	31	22	12	12	15	3	9	14	6	8	1	3	2	43	[illegible]	339	2217	[illegible]	[illegible]
≥.01	101	40	27	24	11	17	6	7	10	11	6	6	6	2	2	35	[illegible]	311	1907	1921	4260

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4265	4265
≥.14																6	SEA-6	6	2208	4265	4265
≥.13																6	SEA-6	6	2208	4265	4265
≥.12																6	SEA-6	6	2208	4265	4265
≥.11																6	SEA-6	6	2208	4265	4265
≥.10																6	SEA-6	6	2208	4265	4265
≥.08																6	SEA-6	6	2208	4265	4265
≥.06	1															9	SEA-6	10	2677	[illegible]	[illegible]
≥.05	1		2	1												12	SEA-6	16	[illegible]	[illegible]	[illegible]
≥.04	4	3	2	1	3				1	1		1			1	19	SEA-6	35	3133	[illegible]	[illegible]
≥.03	2	8	1	4	3	1	2	1				1		1		20	SEA-5	48	3287	[illegible]	[illegible]
≥.02	12	8	4	4	5	2	2	1		1	1	1		1	1	17	SEA-3	84	3353	4288	[illegible]
≥.01	9	9	9	5	4	3	3	3	2	3	2	3	1	3	1	46	1614-1	106	3251	3749	4569

HOURS INTERVAL BETWEEN EVENTS

63 2.1N 123.6E

Wave slope	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.14																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.13																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.12																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.11																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.10																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.08																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.06																7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05												1				9	[illegible]	10	[illegible]	[illegible]	[illegible]
≥.04			1		1		1		3			1				17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	6	3	1	1	1		2	1	5	2			1	1	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	14	22	10	6	5	7	2	7	3	6	5	1	6	3	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	27	18	10	8	12	7	3	8		6	2	5	2		2	31	1440-1	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

2

1 64.0N 166.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																8	SEA-4	8	2465	4481	4485
≥.10		1				1										11	SEA-3	13	2510	4317	4340
≥.08	28	6	2	1	1	1	2	1	1	4	2	4	2		2	49	1200-1	110	3039	3745	4168
≥.06	37	12	13	11	20	15	10	6	7	3	6	3	5	5	10	51	480-1	214	2495	2612	4123
≥.05	33	21	21	23	15	19	5	7	6	7	5	7	4	8	4	39	474-1	224	2122	2196	4104
≥.04	42	33	21	29	15	13	12	13	8	5	6	7	10	9	2	25	348-1	250	1780	1814	4104
≥.03	53	37	29	26	19	14	16	8	9	4	7	7	4	4	1	18	252-1	256	1480	1498	4103
≥.02	59	32	30	19	17	9	11	5	10	3	10	2	4	1	5	8	198-1	234	1146	1154	4103
≥.01	53	30	32	23	14	8	6	7	2	5	6	4	2	1	1	2	162-1	196	799	805	4103

HOURS INTERVAL BETWEEN EVENTS

2 59.4N 172.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12	1															8	SEA-4	9	2289	4347	4353
≥.11																11	SEA-2	11	2460	4447	4480
≥.10						1						1	1			24	2094-1	28	2439	4184	4297
≥.08	9	7	5	9	4	9	3	5	4	6	5	3	2	1	5	57	990-1	134	2924	3329	4158
≥.06	32	21	17	17	17	20	13	7	10	8	8	4	5	4	5	42	510-1	230	2053	2182	4105
≥.05	36	33	24	25	14	10	10	11	12	6	3	9	6	5	5	25	222-1	239	1685	1743	4104
≥.04	48	36	36	28	18	10	12	10	9	6	5	2	2	5	3	14	204-1	248	1371	1403	4102
≥.03	65	31	32	28	13	9	12	8	8	6	5	2	2	2	1	7	186-1	235	1091	1119	4102
≥.02	56	30	30	20	10	5	9	7	6	3	3	4	1	1		2	174-1	190	773	792	4101
≥.01	33	16	15	12	3	4	6	5	3				1			1	144-1	101	369	384	4100

HOURS INTERVAL BETWEEN EVENTS

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WAVE SLOPE α	6
≥.15	
≥.14	
≥.13	
≥.12	
≥.11	
≥.10	1
≥.08	12
≥.06	39
≥.05	36
≥.04	53
≥.03	50
≥.02	64
≥.01	57

4 56.8N 174.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12	1															7	SEA-5	8	2357	4351	4357
≥.11	1															10	SEA-3	11	2387	4393	4412
≥.10	2	1	2			1		2	1				2			32	2148-1	43	3179	4116	4250
≥.08	33	9	9	11	8	6	8	8	5	6	4	1	3	7	2	60	858-1	180	2889	3181	4155
≥.06	39	21	14	24	18	17	10	12	14	8	4	10	6	6	6	28	258-1	237	1857	1930	4113
≥.05	47	39	31	21	23	13	12	10	6	10	5	6	3	5	3	17	186-1	251	1462	1495	4110
≥.04	53	43	17	16	20	14	12	9	10	4	4	5	3	2	4	6	180-1	242	1140	1158	4109
≥.03	61	38	27	19	18	12	9	8	5	5	3	3	2		2	4	150-1	216	882	899	4102
≥.02	57	31	26	18	10	10	4	3	2	4	1		1		2	2	114-1	171	579	594	4100
≥.01	35	18	15	14	5	3	1	1	4	1			1				78-1	98	289	301	4100

HOURS INTERVAL BETWEEN EVENTS

5 56.8N 141.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																8	SEA-5	8	2256	4256	4287
≥.11	1							1						1		14	SEA-3	17	2625	4287	4332
≥.10	1			1	1	1				1	1		1		3	21	2178-1	34	2741	4179	4292
≥.08	11	7	8	5	1	9	7	5	2	1	5	2	4		3	61	846-1	131	3109	3384	4146
≥.06	30	20	16	16	13	12	10	14	6	8	10	4	8	4	2	51	336-1	224	2309	2405	4113
≥.05	49	34	20	24	15	13	10	13	4	8	9	2	2	7	3	37	300-1	250	1919	1964	4103
≥.04	52	44	25	25	19	11	10	6	9	10	8	3	3	1	1	26	294-1	253	1569	1609	4103
≥.03	59	41	22	16	14	10	7	10	9	6	6	2	3	2	2	17	216-1	226	1230	1265	4100
≥.02	55	42	19	12	9	7	10	4	7	5	3	2	3	1	1	6	156-1	186	789	821	4100
≥.01	30	15	14	5	6	4	3	4	5	3		1				3	126-1	93	373	373	4100

HOURS INTERVAL BETWEEN EVENTS

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WAVE SLOPE α	6
≥.15	
≥.14	
≥.13	
≥.12	
≥.11	
≥.10	5
≥.08	30
≥.06	39
≥.05	54
≥.04	66
≥.03	50
≥.02	53
≥.01	26

7 53.4N 164.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																7	SEA-6	7	2508	4223	4224
≥.11																10	SEA-3	10	2505	4185	4193
≥.10	1				1								1			19	SEA-1	22	2744	4282	4329
≥.08	6	11	4	8	4	6	3	4	5	5	2	3	3	4	3	65	1110-1	136	3111	3487	4164
≥.06	30	24	19	20	11	15	15	12	6	11	4	5	5	8	3	47	336-1	235	2249	2367	4123
≥.05	50	29	25	18	23	16	12	8	16	5	7	3	8	4	6	28	240-1	258	1865	1955	4116
≥.04	51	44	26	36	16	13	12	10	9	6	8	5	3	3	4	20	228-1	266	1577	1605	4114
≥.03	65	46	42	23	18	10	11	13	7	3	7	4	4	2	2	11	222-1	268	1293	1306	4108
≥.02	75	37	28	17	17	16	13	5	4	3	3	3	1	2	1	6	162-1	231	929	940	4105
≥.01	49	35	24	14	6	3	4	4	1	3	1	1		1	1	1	114-1	148	465	475	4100

HOURS INTERVAL BETWEEN EVENTS

8 52.0N 172.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																7	SEA-6	7	2391	4393	4394
≥.12																8	SEA-5	8	2385	4421	4427
≥.11	1		1	1									1		2	16	SEA-1	22	2899	4270	4307
≥.10	5	2	1	1		3		3		2	1	1	1			44	1812-1	64	3352	4010	4200
≥.08	33	15	19	10	15	8	3	7	8	5	4	5	5	3	7	65	510-1	212	2740	3019	4163
≥.06	45	34	30	23	17	15	17	14	4	7	8	4	8	4	4	27	258-1	261	1788	1839	4135
≥.05	69	40	27	33	14	24	15	8	5	6	7	10	2	2	3	10	174-1	275	1354	1386	4111
≥.04	75	49	32	33	21	13	8	7	6	7	3	3		3	1	4	168-1	265	1034	1050	4110
≥.03	71	46	30	30	9	18	4	5	3	6	2		3			2	156-1	229	788	801	4103
≥.02	67	30	28	15	13	4	9	3	1	4		1				1	102-1	176	525	536	4102
≥.01	41	14	11	6	6	3	2	3		2							60-2	88	232	239	4100

HOURS INTERVAL BETWEEN EVENTS

9 (cut off at the edge of the page)

WAVE SLOPE α	6
≥.15	
≥.14	
≥.13	
≥.12	
≥.11	
≥.10	3
≥.08	14
≥.06	42
≥.05	49
≥.04	68
≥.03	66
≥.02	64
≥.01	39

10 51.7N 135.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																9	SEA-6	9	2623	4290	4293
≥.11					1			1		1					2	9	SEA-2	14	2513	4237	4255
≥.10	1	1	1	1	3	2	2	1		1		2	1		1	27	2082-1	44	2928	4234	4353
≥.08	22	10	11	5	4	4	8	6	7	1	3	3		3	1	65	1146-1	153	3001	3230	4151
≥.06	59	16	22	13	19	17	10	9	2	10	12	7	8	1	3	35	330-1	243	2028	2130	4118
≥.05	71	30	20	25	14	11	13	7	10	8	2	5	3	2	6	24	306-1	251	1634	1712	4112
≥.04	53	24	30	22	18	12	15	6	4	5	6	4	3	3	3	18	270-1	226	1324	1355	4110
≥.03	51	26	23	22	15	16	8	9	6	5	1	6	3	1	1	9	246-1	202	1023	1037	4103
≥.02	50	23	25	15	6	11	6	7	3		3	1		3		5	144-1	158	642	651	4100
≥.01	32	18	17	5	5	8	2	1	2		2	2	1	1	1		90-1	97	340	341	4100

HOURS INTERVAL BETWEEN EVENTS

11 51.3N 158.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12	1											1				9	SEA-3	11	2412	4208	4222
≥.11	1								1		1					19	SEA-1	22	2868	4231	4303
≥.10	6	3	4	5	3	2	1	1	3	1	5	1	2	2	2	48	1512-1	89	3306	3967	4249
≥.08	28	19	16	12	13	14	10	8	8	6	11	5	5	5	6	43	648-1	209	2409	2533	4109
≥.06	33	18	30	21	23	19	12	9	4	5	5	6	4	2	3	16	246-1	210	1340	1421	4103
≥.05	49	32	37	23	16	19	7	2	10	6	4	3	1	1	3	6	138-2	219	1003	1069	4102
≥.04	63	49	24	29	17	7	2	8	5	3	2	1	1			5	132-2	216	773	802	4101
≥.03	57	40	24	18	6	6	5	5	1	2	2	1				4	132-1	171	560	565	4100
≥.02	49	30	9	7	8	2	2	1	3		1	1	1			2	120-1	116	338	341	4100
≥.01	16	5	6	3	2			1		2	1					1	96-1	37	121	123	4100

HOURS INTERVAL BETWEEN EVENTS

12 (cut off at the edge of the page)

WAVE SLOPE α	6
≥.15	
≥.14	
≥.13	
≥.12	
≥.11	
≥.10	7
≥.08	31
≥.06	45
≥.05	44
≥.04	48
≥.03	44
≥.02	42
≥.01	27

13 50.3N 171.3W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																7	SEA-5	7	2261	4167	4168
≥.12																10	SEA-4	10	2068	4201	4210
≥.11	4			1	1	1			1			2				21	1926-1	31	2850	4249	4307
≥.10	6	2	2	3		1	5	3	3	5	1	2		3	1	43	1734-1	80	3154	3934	4195
≥.08	22	15	18	19	16	11	12	9	6	5	6	10	8	3	5	54	576-1	219	2490	2640	4130
≥.06	42	39	26	22	17	14	10	13	12	8	6	4	4	3	3	20	180-1	243	1457	1497	4119
≥.05	60	46	28	20	15	14	12	7	7	4	5	1	6	2	4	7	174-1	238	1088	1115	4105
≥.04	61	42	30	22	17	9	14	3	2	3	5	2	2	1		4	168-1	217	834	850	4104
≥.03	71	32	21	20	11	10	7	1	2	3	2	2				2	126-1	184	581	594	4102
≥.02	32	31	21	10	3	8	2	1	1	2					1	1	126-1	113	347	357	4102
≥.01	16	9	5	2		3			1	1					1		90-1	38	109	116	4102

HOURS INTERVAL BETWEEN EVENTS

14 49.3N 174.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																8	SEA-6	8	2436	4391	4394
≥.12											1					12	SEA-4	13	2719	4382	4398
≥.11	2	1	2				1				1	1				19	2088-1	27	2909	4331	4401
≥.10	10	4	6	2		1	1	1	4	5	1	1	2	3	1	47	1200-1	89	3224	3909	4195
≥.08	23	20	15	16	9	11	6	5	4	7	3	4	7	11	6	62	396-1	209	2612	2782	4135
≥.06	58	33	33	26	22	12	10	11	11	10	8	4	7	7	3	15	186-1	270	1551	1631	4105
≥.05	76	41	31	25	16	16	10	8	8	5	8	5	3	1		10	156-1	263	1187	1251	4100
≥.04	75	39	33	24	25	12	9	1	7	6	5	1				5	114-1	242	889	927	4100
≥.03	72	36	23	24	12	8	6	1	6	3	3	1		1	1	2	102-1	199	658	681	4100
≥.02	55	23	25	13	7	4	4	3	2	3	1					1	102-1	141	415	426	4100
≥.01	24	12	9	4		4	2	1	1		1					1	102-1	59	174	178	4100

HOURS INTERVAL BETWEEN EVENTS

15 (cut off at the edge of the page)

WAVE SLOPE α	6
≥.15	
≥.14	
≥.13	
≥.12	
≥.11	
≥.10	
≥.08	9
≥.06	52
≥.05	51
≥.04	80
≥.03	80
≥.02	72
≥.01	48

16 47.1N 161.2E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																7	SEA-5	7	2231	4247	4249
≥.12																10	SEA-3	10	2693	4487	4499
≥.11	1						1									15	SEA-2	17	2811	4148	4191
≥.10	6	6	1	1	1	1				2	1	1				40	2082-1	60	3036	4146	4292
≥.08	16	15	14	9	7	10	3	5	8	4	5	8	7	4	6	68	678-1	189	2874	3156	4150
≥.06	51	28	38	30	25	19	16	13	7	10	10	5	7	7	7	19	366-1	292	1939	2005	4111
≥.05	65	40	41	29	23	27	12	3	6	11	5	3	6	3	3	14	228-1	300	1510	1551	4108
≥.04	[illegible]	52	43	29	27	11	10	6	4	5	1	4	3	2	2	8	150-1	295	1152	1180	4107
≥.03	[illegible]	44	33	27	17	4	9	5	5	1	4	3	1	3	1	3	120-1	248	854	871	4106
≥.02	58	26	29	20	13	4	8	3	3			2		1	1	2	108-1	170	560	569	4104
≥.01	45	15	9	11	3	4	1						1			1	108-1	90	223	227	4100

HOURS INTERVAL BETWEEN EVENTS

17 45.8N 139.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4223	4223
≥.14																6	SEA-6	6	2208	4223	4223
≥.13																6	SEA-6	6	2208	4223	4223
≥.12																6	SEA-5	6	2152	4250	4251
≥.11																6	SEA-5	6	2152	4250	4251
≥.10			1													8	SEA-3	9	2337	4431	4439
≥.08	10	1	4	1	1		1		2	2	2	1	3	1	2	49	1956-1	80	3267	4077	4295
≥.06	28	15	11	8	10	17	16	11	6	10	11	6	8	5	2	67	450-1	231	[illegible]	3061	4141
≥.05	44	28	21	22	15	17	12	15	11	9	7	7	4		8	56	444-1	276	[illegible]	2558	4130
≥.04	53	36	25	33	18	22	9	17	14	11	4	11	7	3	6	36	276-1	305	2236	2276	4116
≥.03	73	29	40	22	28	22	16	15	13	10	8	9	1	5	4	27	192-2	324	[illegible]	2008	4114
≥.02	71	46	47	32	23	22	10	12	17	16	5		4	4	2	16	192-1	329	1653	1685	4112
≥.01	70	43	43	37	14	21	15	11	16	12	4	1	4	2	2	16	192-1	311	1552	1575	4112

HOURS INTERVAL BETWEEN EVENTS

18 (cut off at the edge of the page)

WAVE SLOPE α	6
≥.15	
≥.14	
≥.13	
≥.12	
≥.11	
≥.10	7
≥.08	18
≥.06	27
≥.05	42
≥.04	44
≥.03	48
≥.02	41
≥.01	27

19 44.3N 177.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																9	SEA-4	9	[illegible]	[illegible]	4261
≥.11	1					1										15	SEA-1	17	2305	[illegible]	[illegible]
≥.10	10	1	1	2	1	2		1		1	1	1		2	3	42	1278-1	70	3123	[illegible]	[illegible]
≥.08	[illegible]	18	16	16	14	[illegible]	7	13	13	8	2	9	4	2	1	[illegible]	426-1	225	2557	[illegible]	4146
≥.06	[illegible]	27	27	18	18	19	17	13	11	9	[illegible]	4	7	6	2	21	174-1	[illegible]	[illegible]	[illegible]	4111
≥.05	[illegible]	28	31	20	16	21	9	16	6	5	7	2	6	5	4	15	168-1	239	1237	[illegible]	4102
≥.04	[illegible]	53	26	23	17	16	13	9	6	2	5	3	3			2	108-1	239	949	[illegible]	4100
≥.03	[illegible]	[illegible]	30	24	17	13	6	3	3	2	3			2	1	1	102-1	207	691	705	4100
≥.02	53	37	25	17	9	7	7	2	2		1	1					78-1	151	424	436	4100
≥.01	[illegible]	18	10	5	3	1			4	1							60-1	68	179	181	4100

HOURS INTERVAL BETWEEN EVENTS

20 44.2N 152.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																7	SEA-5	7	2314	[illegible]	[illegible]
≥.11		1						1			1					17	SEA-3	20	[illegible]	[illegible]	[illegible]
≥.10	7	1		3	3	2	2	2	1	2	2	1		2	1	43	1500-1	72	3100	[illegible]	[illegible]
≥.08	22	6	7	10	6	6	5	7	3	3	5	8		4	5	54	660-1	161	2768	[illegible]	[illegible]
≥.06	[illegible]	17	20	18	12	14	8	9	6	11	8	5	6	2		33	516-1	217	1760	1816	4117
≥.05	[illegible]	[illegible]	23	18	10	10	11	10	8	7	5	6	2	2	3	27	[illegible]	219	[illegible]	1440	[illegible]
≥.04	[illegible]	23	13	20	16	15	10	9	7	3	6	3	2	3	1	10	[illegible]	197	[illegible]	1114	[illegible]
≥.03	[illegible]	20	23	16	15	9	6	6	6	5	5	4	3	4	1	5	[illegible]	177	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	23	15	12	7	7	4	5	5	2	3	1		2	1	3	[illegible]	130	572	[illegible]	[illegible]
≥.01	[illegible]	11	7	5	3	2	3	2	4	1	2	1		2		2	[illegible]	76	313	315	4100

HOURS INTERVAL BETWEEN EVENTS

21 (cut off at the edge of the page)

WAVE SLOPE α	6
≥.15	
≥.14	
≥.13	
≥.12	
≥.11	
≥.10	
≥.08	25
≥.06	37
≥.05	49
≥.04	77
≥.03	[illegible]
≥.02	[illegible]
≥.01	[illegible]

WAVE SLOPE (α) INTERVALS

.7W (partial, cut off at left margin)

	T*	TH
≥.15	4224	4224
≥.14	4224	4224
≥.13	4224	4224
≥.12	4224	4224
≥.11	4481	4485
≥.10	4317	4340
≥.08	3745	4168
≥.06	2612	4123
≥.05	2196	4104
≥.04	1814	4104
≥.03	1498	4103
≥.02	1154	4103
≥.01	805	4103

2 — 59.4N 172.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																6	SEA- 6	6	2208	4224	4224
≥.12	1															8	SEA- 4	9	2309	4227	4243
≥.11																11	SEA- 2	11	2460	4447	4465
≥.10					1							1	1			24	2094- 1	28	2439	4184	4277
≥.08	9	7	5	9	4	9	3	5	4	6	5	2	2	1	5	27	990- 1	134	2924	3129	4168
≥.06	32	21	17	24	21	17	20	10	10	8	6	4	5	4	5	42	510- 1	249	[illegible]	[illegible]	4105
≥.05	38	37	24	25	14	19	11	10	9	7	5	2	5	5	2	25	222- 1	253	[illegible]	[illegible]	4103
≥.04	49	38	30	28	18	10	15	10	9	6	3	2	5	2		14	204- 1	244	1371	1403	4102
≥.03	65	39	32	28	13	9	12	8	8	5	2	5	2	3		7	198- 1	235	1091	1119	4102
≥.02	56	30	30	20	10	5	9	7	6	3	3	4	1	1		1	174- 1	190	773	797	4101
≥.01	33	16	15	12	3	4	6	5	3							1	144- 1	101	369	384	4100

HOURS INTERVAL BETWEEN EVENTS

3 — 58.5N 151.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																7	SEA- 6	7	[illegible]	[illegible]	[illegible]
≥.12																9	SEA- 5	9	[illegible]	[illegible]	[illegible]
≥.11																9	SEA- 3	9	[illegible]	[illegible]	[illegible]
≥.10	1	2	1									1				25	2154- 1	34	[illegible]	[illegible]	[illegible]
≥.08	12	7	4	3	3	1	4	9	4	3	2	4	2	1	2	26	1008- 1	117	3080	3470	4158
≥.06	38	18	24	16	14	16	10	4	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	516- 1	237	2510	[illegible]	4140
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	270- 1	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	53	32	30	15	20	16	16	12	12	10	9	6	2	4	2	23	288-	262	1751	[illegible]	4109
≥.03	50	35	26	19	16	20	21	7	11	8	5	4				18	192-	244	1434	1451	4109
≥.02	64	38	27	17	18	9	9	8	5	7	5	2	1	3	3	10	180-	226	1074	1087	4100
≥.01	57	24	21	16	18	9	3	6	5	4	4	2	2	1	5	5	150- 1	176	750	754	4100

HOURS INTERVAL BETWEEN EVENTS

.8E (partial, cut off at left margin)

	T*	TH
≥.15	4224	4224
≥.14	4224	4224
≥.13	4224	4224
≥.12	4330	4332
≥.11	4393	4412
≥.10	4116	4250
≥.08	3181	4155
≥.06	1930	4113
≥.05	1495	4110
≥.04	1158	4109
≥.03	899	4102
≥.02	594	4100
≥.01	301	4100

5 — 56.8N 141.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																6	SEA- 6	6	2208	4224	4224
≥.12																8	SEA- 5	8	2520	4361	4308
≥.11	1												1			14	SEA- 3	17	2628	4387	4322
≥.10	1														3	21	2178- 1	34	2741	4179	4292
≥.08	7	8	5	1	3	7	5	2	1	1	1	4			3	61	846- 1	131	3109	3384	4149
≥.06	30	20	16	16	13	12	10	14	6	8	10	4	8	4	7	51	336- 1	224	2202	[illegible]	4110
≥.05	49	34	20	24	15	13	10	13	4	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37	300- 1	260	1919	1964	4103
≥.04	52	44	25	25	19	11	10	6	9	10	8	3	3	1	1	26	294- 1	253	1569	1609	4103
≥.03	59	41	22	16	14	10	7	10	9	6	6	2	3	2	2	7	216- 1	228	1230	1265	4100
≥.02	55	42	19	12	9	7	10	4	4	3	1	2	3			6	156- 1	186	789	821	4100
≥.01	30	15	14	5	6	4	3	4	4	3						3	126- 1	93	373	373	4100

HOURS INTERVAL BETWEEN EVENTS

6 — 54.9N 167.1W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																6	SEA- 6	6	2208	4224	4224
≥.12																9	SEA- 4	9	2278	4204	4210
≥.11										2						15	SEA- 1	17	2545	4288	4322
≥.10	5	2	2	2	4	1	4				1				1	37	1536- 1	62	3113	4083	4243
≥.08	30	18	10	14	4	7	8	12	5	6	7	2	4		1	67	[illegible]	186	[illegible]	[illegible]	[illegible]
≥.06	39	35	23	26	22	20	15	11	15	6	12	7	5	1	5	15	270- 1	257	1621	1693	4111
≥.05	54	44	25	26	23	9	14	13	7	9	3	2	5	3		12	210- 1	249	1264	1308	4108
≥.04	66	34	32	29	10	15	9	7	3	6	3	3	2	2	1	8	204- 1	230	1005	1033	4100
≥.03	63	33	33	20	13	5	5	6	3	1	3	4	1	1	2	4	198- 1	197	754	776	4100
≥.02	53	33	23	7	6	4	9	6	2	3	1	1	1			2	120- 1	151	503	523	4100
≥.01	26	18	5	6	2	6	4	2	1			1				1	102- 1	72	229	229	4100

HOURS INTERVAL BETWEEN EVENTS

4.7E (partial, cut off at left margin)

	T*	TH
≥.15	4224	4224
≥.14	4224	4224
≥.13	4224	4224
≥.12	4223	4224
≥.11	4185	4193
≥.10	4282	4329
≥.08	3487	4164
≥.06	2367	4123
≥.05	1955	4116
≥.04	1605	4114
≥.03	1306	4108
≥.02	940	4105
≥.01	475	4100

8 — 52.0N 172.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																7	SEA- 6	7	2391	4391	4394
≥.12																8	SEA- 5	8	2385	4421	4427
≥.11	1											1			2	16	SEA- 1	22	2893	4270	4307
≥.10	3	2	1	1		3		2	1	1						44	1812- 1	61	3352	4010	4300
≥.08	33	15	19	10	15	8	3	7	8	5	4	5	5	3	7	65	510- 1	212	2740	3019	4163
≥.06	45	34	30	23	17	15	17	14	4	7	8	4	8	4	4	27	258- 1	261	1788	1839	4135
≥.05	69	40	27	33	14	24	15	8	5	6	7	10	2	2	3	10	174- 1	275	1354	1386	4111
≥.04	75	49	32	33	21	13	8	7	6	7	3	3		3	1	4	168- 1	265	1034	1050	4110
≥.03	71	46	30	30	9	18	4	5	3	6	2		3			2	156- 1	229	786	801	4103
≥.02	67	30	28	15	13	4	9	3	1	4		1				1	102- 1	176	525	536	4102
≥.01	41	14	11	6	6	3	2	3		2							60- 2	88	232	239	4100

HOURS INTERVAL BETWEEN EVENTS

9 — 51.7N 158.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																7	SEA- 6	7	2495	4511	4512
≥.13																7	SEA- 6	7	2495	4511	4512
≥.12																10	SEA- 3	10	2842	4507	4515
≥.11																14	SEA- 3	14	2999	4524	4539
≥.10	3		1				1				1		1			24	2112- 1	31	3036	4330	4396
≥.08	14	8	8	3	7	6	3	5	3	4	3	6	1	1	5	65	1128- 1	142	3210	3466	4152
≥.06	42	17	25	25	13	12	18	10	14	7	8	7	11	3	2	40	486- 1	254	2273	2371	4127
≥.05	49	40	33	17	16	11	10	12	17	8	9	6	2	4	5	28	474- 1	267	1874	1950	4111
≥.04	68	37	19	22	17	11	19	12	11	5	9	4	7	1	3	17	438- 1	262	1525	1582	4105
≥.03	66	42	21	15	20	13	17	8	8	6	5	3	3	3	2	11	426- 1	243	1234	1287	4102
≥.02	64	28	28	22	22	9	7	4	4	7	4	1	2	2	2	5	186- 1	211	893	934	4100
≥.01	39	26	15	15	11	9	4	6	1	2	4	1		3			84- 3	136	508	549	4100

HOURS INTERVAL BETWEEN EVENTS

6W (partial, cut off at left margin)

	T*	TH
≥.15	4224	4224
≥.14	4224	4224
≥.13	4224	4224
≥.12	4290	4293
≥.11	4232	4255
≥.10	4234	4353
≥.08	3230	4151
≥.06	2130	4118
≥.05	1712	4112
≥.04	1355	4110
≥.03	1037	4103
≥.02	651	4100
≥.01	341	4100

11 — 51.3N 158.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																6	SEA- 6	6	2208	4224	4224
≥.12	1											1				9	SEA- 3	11	2512	4206	4222
≥.11	1								1		1					19	SEA- 1	22	2868	4231	4303
≥.10	6	3	4	5	3	2	1	1	3	1	5	1	2	2	2	48	1512- 1	89	3306	3967	4249
≥.08	28	19	16	12	13	14	10	8	8	6	11	5	5	5	6	43	648- 1	209	2409	2533	4109
≥.06	33	18	30	21	23	19	12	9	4	5	5	6	4	2	3	16	246- 1	210	1340	1421	4103
≥.05	49	32	37	23	16	19	7	2	10	6	4	3	1	1	3	6	138- 2	219	1003	1069	4102
≥.04	63	49	24	25	17	7	2	8	5	3	2	1	1			5	132- 2	216	773	802	4101
≥.03	57	40	24	18	6	6	5	5	1	2	2	1				4	132- 1	171	560	565	4100
≥.02	49	30	9	7	8	2	2	1	3		1	1	1			2	120- 1	116	338	341	4100
≥.01	16	5	6	3	2			1		2	1					1	96- 1	37	121	123	4100

HOURS INTERVAL BETWEEN EVENTS

12 — 50.9N 145.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																6	SEA- 6	6	2208	4299	4300
≥.12																9	SEA- 5	9	2754	4535	4540
≥.11		2					3	1								16	SEA- 1	22	2658	4345	4324
≥.10	7	2	1	2	6	1			1		2	1		2		41	1806- 1	66	3034	4060	4281
≥.08	31	20	12	11	14	15	7	9	11	7	3	4	6	4	3	49	678- 1	206	2573	2701	4124
≥.06	45	24	18	19	16	8	6	10	9	9	2	6	3	5	1	22	228- 1	203	1390	1430	4104
≥.05	44	29	20	22	12	7	6	9	5	5	2	1	2	4	1	16	210- 1	185	1065	1073	4103
≥.04	48	24	20	9	10	11	8	1	8	4	1	1	4	2	1	10	198- 1	162	826	830	4101
≥.03	44	22	13	11	8	10	7	4	3	3	2		4	2		5	180- 1	138	624	627	4100
≥.02	42	16	10	6	7	4	6	4	3	1	2		1	1		3	162- 1	106	414	417	4100
≥.01	21	11	6	4	7	1				2	1		1	2	2		90- 2	58	220	220	4100

HOURS INTERVAL BETWEEN EVENTS

3W (partial, cut off at left margin)

	T*	TH
≥.15	4224	4224
≥.14	4224	4224
≥.13	4167	4168
≥.12	4201	4210
≥.11	4249	4307
≥.10	3934	4195
≥.08	2640	4130
≥.06	1497	4119
≥.05	1115	4105
≥.04	850	4104
≥.03	594	4102
≥.02	357	4102
≥.01	116	4102

14 — 49.3N 174.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																8	SEA- 6	8	2436	4391	4394
≥.12											1					12	SEA- 4	13	2719	4382	4398
≥.11	2	1	2				1				1	1				19	2088- 1	27	2909	4331	4401
≥.10	10	4	6	2		1	1	1	4	5	1	1	2	3	1	47	1200- 1	89	3224	3909	4195
≥.08	23	20	15	16	9	11	6	5	4	7	3	4	7	11	6	62	396- 1	209	2612	2782	4135
≥.06	58	33	33	26	22	12	10	11	11	10	8	4	7	7	3	15	186- 1	270	1551	1631	4105
≥.05	76	41	31	25	16	16	10	8	8	5	8	5	3	1		10	156- 1	263	1187	1251	4100
≥.04	75	39	33	24	25	12	9	1	7	6	5	1				5	114- 1	242	889	927	4100
≥.03	72	36	23	24	12	8	6	1	6	3	3	1		1	1	2	102- 1	199	658	681	4100
≥.02	55	23	25	13	7	4	4	3	2	3	1					1	102- 1	141	415	428	4100
≥.01	24	12	9	4		4	2	1	1		1					1	102- 1	59	174	178	4100

HOURS INTERVAL BETWEEN EVENTS

15 — 49.0N 128.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																6	SEA- 6	6	2208	4224	4224
≥.12																6	SEA- 6	6	2208	4224	4224
≥.11																6	SEA- 6	6	2208	4298	4300
≥.10					1	1					1			1		16	SEA- 1	20	2481	4442	4474
≥.08	9	3	6	3	2	2	3	3	2	2	1	3	2		2	52	1788- 1	95	3253	3788	4208
≥.06	52	33	23	12	11	9	10	11	9	8	6	6	7	5	2	45	1038- 1	249	2562	2781	4134
≥.05	51	56	30	10	15	16	11	14	6	7	6	2	2	3	8	40	372- 1	277	2178	2272	4119
≥.04	90	56	40	18	16	18	17	6	7	8	9	1	4	7	2	27	204- 2	324	1757	1804	4107
≥.03	90	57	33	24	9	20	11	6	9	10	5	2	4	3	1	13	198- 1	297	1128	[illegible]	4106
≥.02	77	56	40	15	7	9	8	6	5	4	1	4	1	3	1	5	126- 1	242	[illegible]	[illegible]	4103
≥.01	48	15	7	8	1	6	7	5	2	1	1	2		3	1	2	96- 2	107	[illegible]	390	4100

HOURS INTERVAL BETWEEN EVENTS

2E (partial, cut off at left margin)

	T*	TH
≥.15	4224	4224
≥.14	4224	4224
≥.13	4247	4249
≥.12	4487	4499
≥.11	4148	4191
≥.10	4148	4292
≥.08	3156	4150
≥.06	2005	4111
≥.05	1551	4108
≥.04	1180	4107
≥.03	871	4106
≥.02	549	4104
≥.01	227	4100

17 — 45.8N 139.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4223	4223
≥.14																6	SEA- 6	6	2208	4223	4223
≥.13																6	SEA- 6	6	2208	4223	4223
≥.12																6	SEA- 5	6	2152	4250	4251
≥.11																6	SEA- 5	6	2152	4250	4251
≥.10			1													8	SEA- 3	9	2137	4431	4439
≥.08	10	1	4	1	1		1		2	2	2	1	3	1	2	49	1956- 1	80	3267	4077	4295
≥.06	28	15	11	8	10	17	16	11	6	10	11	6	8	5	2	67	450- 1	241	[illegible]	[illegible]	4143
≥.05	44	28	21	22	15	17	12	15	11	9	7	7	4		8	56	444- 1	276	[illegible]	[illegible]	4130
≥.04	53	[illegible]	25	33	18	22	9	17	14	11	4	11	7	3	6	38	276- 1	305	[illegible]	2276	4116
≥.03	73	29	40	22	28	22	16	15	14	10	8	9	1	5	4	27	192- 2	324	[illegible]	2004	4114
≥.02	73	46	47	32	23	22	10	12	17	16	5		4	4	2	16	192- 1	329	1653	1685	4112
≥.01	70	43	43	37	14	21	15	11	16	12	4	1	4	2	2	16	192- 1	311	1552	1575	4112

HOURS INTERVAL BETWEEN EVENTS

18 — 45.6N 144.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																6	SEA- 6	6	2208	4224	4224
≥.12																7	SEA- 6	7	[illegible]	[illegible]	4224
≥.11		1				1										10	SEA- 4	12	[illegible]	[illegible]	[illegible]
≥.10	7	2	2	2	2	3	1	2		1	1	1				37	1872- 1	56	3152	[illegible]	4374
≥.08	18	12	12	5	10	4	6	3	3	4	3	1	4	4	4	54	756- 1	147	2880	3143	4205
≥.06	27	14	15	18	12	15	7	11	9	5	8	8	3	1	1	39	372- 1	193	1880	1911	4116
≥.05	47	29	27	17	16	10	8	6	12	5	5	1		2	3	29	252- 1	207	1444	1456	4109
≥.04	42	28	24	18	14	9	9	4	11		1	1	2	5	6	17	246- 1	190	1112	1147	4105
≥.03	49	22	23	16	16	7	6	6	5	2	2	3	2	4		10	246- 1	173	[illegible]	[illegible]	4100
≥.02	45	22	13	12	12	4	7	3	4	2	2	1	2	1		6	216- 1	132	[illegible]	598	4100
≥.01	27	14	8	9	6	1	1	1	6	3						2	150- 1	79	308	317	4100

HOURS INTERVAL BETWEEN EVENTS

W (partial, cut off at left margin)

	T*	TH
≥.15	4224	4224
≥.14	4224	4224
≥.13	4224	4224
≥.12	[illegible]	4261
≥.11	[illegible]	[illegible]
≥.10	[illegible]	[illegible]
≥.08	2764	4146
≥.06	1622	4111
≥.05	1258	4102
≥.04	981	4100
≥.03	702	4100
≥.02	438	4100
≥.01	181	4100

20 — 44.2N 152.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	2208	4224	4224
≥.14																6	SEA- 6	6	2208	4224	4224
≥.13																6	SEA- 6	6	2208	4224	4224
≥.12																7	SEA- 5	7	2414	[illegible]	[illegible]
≥.11		1						1			1					17	[illegible]	20	[illegible]	[illegible]	[illegible]
≥.10	7	1		1	1	2	2	2	1	2	2	1		2	1	43	1500- 1	72	[illegible]	[illegible]	[illegible]
≥.08	22	6	7	18	6	6	5	7	1	1	5	8		4	5	54	[illegible]	161	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	17	20	18	12	14	8	9	8	11	8	5	6	2		33	516- 1	217	1740	1816	4117
≥.05	[illegible]	[illegible]	23	18	10	10	11	10	8	7	5	6	2	2	1	22	330- 1	219	[illegible]	1440	4106
≥.04	54	25	13	20	16	15	10	9	7	3	6	3	2	3	1	10	[illegible]	197	[illegible]	1114	4105
≥.03	53	26	23	16	15	9	6	5	6	3	3	4	3	4	1	5	246- 1	177	[illegible]	[illegible]	4103
≥.02	37	24	15	12	7	7	4	5	3	2	3	5		2	1	3	162- 1	130	572	[illegible]	4103
≥.01	29	11	7	5	5	2	3	2	4	1	2	1		2		2	132- 1	78	311	311	4100

HOURS INTERVAL BETWEEN EVENTS

21 — 43.7N 128.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.14																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.13																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.12																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.11																6	SEA- 6	6	[illegible]	[illegible]	[illegible]
≥.10	1															8	SEA- 4	9	[illegible]	[illegible]	[illegible]
≥.08	25	5	5		4	5	4	5	4	5	2	3		3		50	[illegible]	120	[illegible]	[illegible]	[illegible]
≥.06	37	20	18	9	15	11	17	[illegible]	15	11	7	[illegible]	6	6	4	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	102-	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

4

WAVE SLOPE (α) INTERVALS (Cont'd)

22 42.8N 167.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-5	6	2207	4223	4223
≥.11									1							11	SEA-2	12	2325	4436	4449
≥.10	3	3							2	1	1	1	1		1	37	SEA-1	50	3187	4243	4368
≥.08	35	8	17	6	10	8	6	12	5	6	6	6	5	3	6	56	654-1	195	2782	2980	4137
≥.06	46	17	20	21	14	12	12	12	14	5	7	6	8	5	2	26	246-1	227	1623	1708	4104
≥.05	52	32	30	20	11	14	18	9	6	9	9	6	3	5	1	8	228-1	233	1247	1312	4100
≥.04	50	38	25	20	16	19	11	11	7	7	3	4	1	2	1	2	216-1	217	964	1009	4100
≥.03	47	27	31	13	17	18	8	10	4	2	2	4		1		1	168-1	185	743	753	4100
≥.02	30	36	25	17	9	9	5	1	1	1		2	1			1	150-1	138	468	476	4100
≥.01	20	22	9	6	2	3	2			1	1	1				1	150-1	68	215	221	4100

HOURS INTERVAL BETWEEN EVENTS

23 42.4N 172.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15												1				6	SEA-6	7	2220	4223	4224
≥.14												1				6	SEA-6	7	2220	4223	4224
≥.13												1				6	SEA-6	7	2220	4220	4224
≥.12												1				8	SEA-5	9	2501	4456	4464
≥.11												1				10	SEA-3	11	2702	4391	4411
≥.10	3	1	1		1		1		1	1				3		34	1740-2	46	3132	4206	4324
≥.08	21	16	8	8	9	12	5	8	8	1	7	7	2	2	1	70	402-1	185	2832	3134	4168
≥.06	33	31	29	21	27	13	22	10	8	8	5	7	8	4	8	28	252-1	262	1906	2002	4113
≥.05	67	43	31	24	19	18	10	10	6	8	7	6	6	6	4	15	198-1	280	1513	1568	4108
≥.04	85	51	31	25	20	19	12	9	7	5	7	5	1	2	1	7	186-1	287	1204	1240	4103
≥.03	97	62	23	22	19	10	8	8	9	5	2		1			5	180-1	271	924	936	4100
≥.02	84	38	25	20	7	10	7	3	2	1			1		1	2	174-1	201	591	597	4100
≥.01	46	23	12	6	4	5		1									48-1	97	210	210	4100

HOURS INTERVAL BETWEEN EVENTS

25 40.2N 131.2E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																7	SEA-6	7	2227	4222	4224
≥.10																7	SEA-6	7	2226	4294	4300
≥.08	6			1	1	1			1		1		1			25	2058-1	37	3168	4448	4553
≥.06	16	11	8	2	2	3	1	1	3	3	8	5	4	4	3	75	852-1	149	3301	3616	4219
≥.05	32	20	11	3	5	3	7	7	6	9		7	5	9	6	69	822-1	199	3113	3267	4196
≥.04	58	27	13	11	16	15	11	11	12	7	10	9	9	8	9	57	546-1	283	2803	2861	4155
≥.03	54	29	22	22	20	19	18	9	11	12	13	10	14	9	3	42	528-1	307	2538	2584	4132
≥.02	67	30	39	30	15	19	17	15	11	14	14	11	11	5	3	27	336-1	328	2209	2245	4126
≥.01	64	31	30	28	14	21	19	14	11	12	12	11	9	4	2	25	336-1	307	2054	2085	4126

HOURS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4444	4445
≥.12																9	SEA-5	9	2990	4704	4707
≥.11																10	SEA-3	10	2915	4678	4693
≥.10	1	1							1							19	SEA-1	22	2878	4359	4409
≥.08	9	8	2	5	7	3	6	7	4	2	5	6	3	2	3	62	936-1	134	2936	3683	4217
≥.06	42	32	27	22	19	11	12	12	9	9	5	8	6	5	5	43	516-1	267	2377	2477	4116
≥.05	57	50	18	25	18	16	14	11	14	6	5	8	8	5		29	504-1	284	1983	2018	4108
≥.04	69	44	28	25	23	18	14	18	9	9	7	5	3	3	1	17	294-1	293	1620	1638	4106
≥.03	78	51	32	30	21	19	11	15	6	7	2	2	3	3	2	9	192-1	291	1287	1302	4106
≥.02	75	44	29	23	22	12	6	11	3	4	2	2	1			5	126-1	239	873	883	4103
≥.01	58	25	9	22	7	8	2	1	1	1	1	1				2	126-1	138	407	409	4102

HOURS INTERVAL BETWEEN EVENTS

28 36.1N 123.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-5	6	2203	4219	4219
≥.10				1												12	SEA-3	13	2536	4643	4654
≥.08	71	46	21	6	5	8	15	3	4	6	7	3	6	7	6	55	660-1	269	2816	3118	4281
≥.06	98	50	22	4	3	13	10	7	5	4	6	3	4	5	4	18	198-1	256	1262	1360	4202
≥.05	84	42	23	2	5	11	7	4	5	3	10		4	3	1	7	138-2	211	853	898	4135
≥.04	77	40	22	3	6	7	8	3	2	6	4		2	1	1	3	132-1	185	624	647	4134
≥.03	52	28	19	7	2	7	4	2	4	3	1	1	1			2	114-1	133	427	447	4115
≥.02	26	15	7	5		7	2	1	5		1					1	96-1	70	233	243	4108
≥.01	17	7	4			4	2	1								1	96-1	36	105	111	4104

HOURS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10	1															10	SEA-2	11	2210	4226	4239
≥.08	4	4	2	2	1	3	1	3	2	2		3				42	1128-1	69	2738	3904	4200
≥.06	45	22	18	10	7	7	9	15	7	4	6	3	4	2	5	56	486-1	220	2704	2993	4128
≥.05	69	20	21	11	19	9	11	10	5	7	1	3	3	4	2	56	480-1	251	2391	2523	4115
≥.04	77	27	29	24	12	17	16	13	8	8	8	5	2	2	6	34	366-1	288	2039	2121	4107
≥.03	80	52	24	23	21	13	13	5	7	7	4	2	4	6	2	26	342-1	289	1689	1749	4101
≥.02	83	38	24	28	15	16	5	10	7	2	5	4	2	9	1	14	342-1	263	1332	1370	4101
≥.01	56	34	15	18	10	9	11	3	3	3	2	2	4	2	2	8	168-2	192	848	862	4100

HOURS INTERVAL BETWEEN EVENTS

31 35.6N 155.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																7	SEA-6	7	2439	4223	4224
≥.11																7	SEA-6	7	2438	4222	4224
≥.10	2											1				13	SEA-3	16	701	4374	4392
≥.08	5	5	5	5	1	4			1		2	1	2			33	SEA-1	64	2983	3930	4188
≥.06	34	14	12	9	8	7	11	3	7	7	4	2	4	3	1	54	954-1	180	2928	3204	4137
≥.05	54	31	14	18	16	11	10	6	13	3	4	4	5	3	5	48	750-1	245	2589	2765	4132
≥.04	82	31	21	23	16	11	8	15	4	7	2	7	2	6	6	40	438-1	281	2186	2321	4130
≥.03	75	32	31	21	12	7	9	11	6	6	4	5	4	4	4	34	432-1	265	1885	1961	4128
≥.02	73	32	26	21	12	10	13	6	5	4	5	5	3	4	2	24	264-1	245	1460	1518	4124
≥.01	61	21	23	14	8	5	14	6	5	2	4	4	1	2	1	16	216-1	187	1011	1026	4117

HOURS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10											1					7	SEA-5	8	2342	4328	4335
≥.08	9		1		2						1	1				20	SEA-3	34	2607	4243	4354
≥.06	32	13	8	6	9	3	6	2		3	1	3	2	4	4	65	1134-1	161	3071	3480	4202
≥.05	59	22	4	8	7	8	4	2	7	1	5	7	10	2	5	58	984-1	209	2696	3035	4186
≥.04	65	16	25	7	10	11	15	7	7	9	5	6	4	6	1	48	594-1	242	2409	2610	4155
≥.03	67	24	19	13	9	17	12	11	4	9	9	7	2	6	2	39	468-1	250	2134	2244	4147
≥.02	68	37	32	21	10	17	9	13	5	8	5	10	4	3	3	24	306-1	269	1730	1801	4121
≥.01	77	39	22	16	3	10	5	7	4	2	2	5	3	5	3	14	294-1	217	1122	1156	4103

HOURS INTERVAL BETWEEN EVENTS

34 34.2N 155.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																7	SEA-6	7	2497	4223	4224
≥.10	2							1								12	SEA-1	15	2496	4318	4342
≥.08	11	1	1	1		3	2	1	1	2	2		2		1	41	1590-1	69	3023	4002	4339
≥.06	35	10	12	12	6	8	13	9	5	4	6	5	5	3	3	66	654-1	202	2831	3024	4143
≥.05	51	25	19	14	13	11	10	10	6	6	8	4	9	3	5	52	468-1	246	2471	2572	4126
≥.04	72	41	32	18	15	21	10	11	13	6	10	6	3	3	5	30	366-1	296	1983	2058	4102
≥.03	57	44	36	14	20	15	13	22	6	10	8	2	2	7	3	17	258-1	276	1651	1689	4101
≥.02	62	43	31	20	16	17	11	11	7	4	4	6	2	3	2	8	252-1	247	1191	1221	4100
≥.01	55	31	18	13	10	11	8	5	2	1	3	3		1		3	174-1	164	620	628	4100

HOURS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10								1								9	SEA-2	10	1893	4222	4244
≥.08	11	2	2	4		3		2	1	1	1	6	2			47	1476-1	82	2970	3950	4298
≥.06	48	15	8	12	8	12	12	5	11	3	9		2	4	3	67	402-1	219	2768	2905	4158
≥.05	58	18	13	12	16	12	10	10	4	5	5	5	6	3	7	54	402-1	238	2417	2466	4137
≥.04	65	34	20	22	15	10	10	6	16	8	4	10	7	3	4	36	366-1	270	1974	2015	4109
≥.03	67	35	35	22	18	12	17	14	7	11	3	3	2	5	4	24	258-1	279	1642	1678	4109
≥.02	74	31	29	16	23	15	9	6	7	5	2	3	7	3	4	14	246-1	248	1257	1271	4106
≥.01	69	22	19	10	9	9	6	10	5	5	2	3	2			6	168-1	177	734	741	4100

HOURS INTERVAL BETWEEN EVENTS

37 32.9N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10																6	SEA-6	6	2208	4224	4224
≥.08	19	23	17	3	1		7	1	1	1		1			5	39	SEA-1	118	2869	4086	4337
≥.06	161	100	49	13	9	15	10	8	5	4	8	2	6	3	12	31	390-1	416	2196	2321	4256
≥.05	152	93	58	6	14	11	21	6	7	4	10	2	1	6	6	13	222-1	410	1564	1604	4160
≥.04	161	90	50	7	10	13	14	2	3	2	4	1	1	1	1	4	126-1	373	1009	1028	4116
≥.03	152	79	47	7	5	5	7	1	1	4	2	2		1	2	1	120-1	316	750	765	4112
≥.02	108	65	28	2	5	3	2	2	1	3	3				1	1	114-1	224	509	517	4112
≥.01	85	41	14	4	5	3	1	3		1	1					1	102-1	159	337	341	4108

HOURS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10																8	SEA-6	8	2355	4394	4396
≥.08	10	6	2	3	2	3	1		1	2			2	1	2	37	1752-1	72	2612	4181	4468
≥.06	60	24	8	7	10	4	8	7	5	2	5	2	4	1	1	59	426-1	207	2454	2659	4214
≥.05	73	26	18	15	8	4	9	4	6	4	12	4	3	3	5	46	372-1	240	2017	2165	4193
≥.04	91	24	14	18	11	9	10	9	9	10	6	2	1	1	2	31	258-1	248	1554	1661	4142
≥.03	78	26	18	15	9	12	9	6	6	3	5	4	4		2	19	234-1	216	1144	1220	4104
≥.02	45	28	20	11	11	13	5	2	8	4	3	2	3		2	7	186-2	164	794	829	4101
≥.01	30	21	16	11	3	2	3	1		2			1		3	2	174-1	95	346	347	4100

HOURS INTERVAL BETWEEN EVENTS

40 29.6N 165.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10																6	SEA-6	6	2208	4224	4224
≥.08	4	1													1	16	SEA-2	22	2472	4188	4248
≥.06	53	35	18	7	10	4	2	4	10	6	8	3	2	2	4	57	[illegible]	209	2814	3184	4147
≥.05	67	30	17	18	8	8	5	8	5	4	7	2	5	3	6	50	570-1	253	2418	2559	4129
≥.04	[illegible]	33	20	17	21	8	2	8	5	11	6	4	10	4	3	38	240-1	276	1911	2017	4123
≥.03	[illegible]	25	25	13	16	9	8	2	5	6	6	6	4	4	2	24	240-1	254	1575	1625	4110
≥.02	[illegible]	23	22	15	18	3	8	3	12	8	7	3	8	3	3	11	180-2	234	1130	1168	4110
≥.01	58	10	22	11	13	4	6	4	5	6	3	3	5	3	3	3	126-1	167	619	675	4101

HOURS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-5	6	1911	[illegible]	[illegible]
≥.12						1										7	SEA-5	8	2093	[illegible]	[illegible]
≥.11			1			1										11	SEA-4	13	2372	[illegible]	[illegible]
≥.10	5	2	1	1	1		1	1			1			1		15	SEA-2	29	2615	4410	4511
≥.08	15	7	5	3	2	2	4	1		3	1			2	3	44	1278-1	80	2857	3717	[illegible]
≥.06	47	10	12	1	8	6	4	6	5	3	6	6	4	5	3	54	660-1	180	2407	2776	4251
≥.05	45	17	18	7	10	9	3	7	7	9	7	7	7	3	6	44	420-1	201	2152	[illegible]	[illegible]
≥.04	52	23	16	15	9	12	10	7	9	8	6	6	7	6	6	35	414-1	228	[illegible]	[illegible]	4120
≥.03	55	20	15	10	7	8	11	5	8	10	9		6	4	5	24	402-1	225	[illegible]	[illegible]	4115
≥.02	59	30	20	14	11	12	9	13	2	4	5	4	2	2	1	16	300-1	210	[illegible]	[illegible]	4107
≥.01	44	25	14	5	5	9	3	4	4	3	2	1	1	2	2	7	246-1	137	661	670	4102

HOURS INTERVAL BETWEEN EVENTS

NTERVALS (Cont'd)

SUMMER

167.5W

131.2E

123.8W

155.2W

155.1E

119.4W

165.0W

23 42.4N 172.1E

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15												1				6	SEA-6	7	2220	4223	4224
.14												1				6	SEA-6	7	2220	4223	4224
.13												1				6	SEA-6	7	2220	4220	4224
.12												1				8	SEA-5	9	2501	4456	4464
.11												1				10	SEA-3	11	2702	4391	4411
.10	3	1			1		1			1				3		34	1740-2	46	3132	4206	4324
.08	21	16	8	8	9	12	5	8	8	1	7	7	2	2	1	70	402-1	185	2812	3134	4168
.06	33	31	29	21	27	13	22	10	8	8	5	7	8	4	8	28	252-1	262	1906	2002	4113
.05	67	43	31	24	19	18	10	10	6	8	7	6	6	6	4	15	198-1	280	1513	1588	4108
.04	85	51	31	25	20	19	12	9	7	5	7	5	1	2	1	7	186-1	287	1204	1240	4103
.03	97	62	23	22	19	10	8	8	9	5	2		1			5	180-1	271	924	936	4100
.02	84	38	25	20	7	10	7	3	2	1			1		1	2	174-1	201	591	597	4100
.01	46	23	12	6	4	5		1									48-1	97	210	210	4100

HOURS INTERVAL BETWEEN EVENTS

24 41.0N 134.9W

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	[illegible]	[illegible]	[illegible]
.14																6	SEA-6	6	[illegible]	[illegible]	[illegible]
.13																6	SEA-6	6	[illegible]	[illegible]	[illegible]
.12																6	SEA-6	6	[illegible]	[illegible]	[illegible]
.11																6	SEA-6	6	[illegible]	[illegible]	[illegible]
.10																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.08	15	2	2		2	3	1	2	1		2			1	2	43	1356-1	76	3169	[illegible]	[illegible]
.06	28	13	12	10	8	11	5	4	10	7	4	3	3	2	2	61	714-1	185	2610	[illegible]	4137
.05	55	27	11	16	12	8	12	12	9	7	4	1	9	4	6	41	696-1	234	2212	2374	[illegible]
.04	54	32	12	20	18	12	17	6	13	4	6	11	9	4	4	28	294-1	250	1828	1938	[illegible]
.03	52	15	19	25	19	16	8	12	11	14	3	7	2	5	3	15	192-1	246	[illegible]	1535	[illegible]
.02	54	38	21	15	14	10	11	7	11	7	6	3		3	3	10	186-1	211	1093	1130	4104
.01	42	26	12	15	8	10	3	6	4	5		2	2			8	174-1	143	647	662	4100

HOURS INTERVAL BETWEEN EVENTS

26 39.5N 153.8E

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-6	6	2208	4444	4445
.12																9	SEA-5	9	2990	4704	4707
.11																10	SEA-3	10	2915	4678	4693
.10	1	1							1							19	SEA-1	22	2878	4359	4409
.08	9	8	2	5	7	3	6	7	4	2	5	6	3	2	3	62	936-1	134	2938	3683	4217
.06	42	32	27	22	19	11	12	12	9	9	5	8	6	5	5	43	516-1	267	2377	2477	4116
.05	57	50	18	25	18	16	14	11	14	6	5	8	8	5		29	504-1	284	1983	2018	4108
.04	69	44	28	25	21	18	14	18	9	9	7	5	3	3	1	17	294-1	293	1620	1638	4106
.03	78	51	32	30	21	19	11	15	6	7	2	2	3	3	2	9	192-1	291	1287	1302	4106
.02	75	44	29	23	22	12	6	11	3	4	2	2	1			5	126-1	239	873	883	4103
.01	58	25	9	22	7	8	2	1	1	1	1	1				2	126-1	138	407	409	4102

HOURS INTERVAL BETWEEN EVENTS

27 38.2N 127.4W

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-6	6	2208	4224	4224
.12																6	SEA-6	6	2208	4224	4224
.11																7	SEA-6	7	[illegible]	[illegible]	4397
.10																9	SEA-5	9	2707	4640	4652
.08	18	11	7	3	4	1	6	5	1	3	1	1	6	1	2	62	1002-1	132	3102	3378	4300
.06	49	28	13	9	7	5	13	6	9	5	8	5	4	5	2	35	432-1	203	1722	1807	4159
.05	57	19	15	7	12	5	6	8	11	6	6	2	1	4	3	21	414-1	183	1255	1317	4123
.04	52	27	12	11	15	7	7	5	8	4	5	4	2	3		10	408-1	172	949	992	4114
.03	47	17	12	14	7	6	3	2	8	3	6	3	2	1		8	276-1	139	728	756	4112
.02	48	19	6	6	5	4	6	2	5	2	1	1		2	3	3	144-1	113	455	472	4109
.01	14	9	4	1	4	6	1	3	2	2	1	1	1				78-1	49	209	211	4101

HOURS INTERVAL BETWEEN EVENTS

29 35.9N 171.0W

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-6	6	2208	4224	4224
.12																6	SEA-6	6	2208	4224	4224
.11																6	SEA-6	6	2208	4224	4224
.10	1															10	SEA-2	11	2210	4226	4239
.08	4	4	2	2	1	3	1	3	2	2		3				42	1128-1	69	2738	3904	4200
.06	45	22	18	10	7	7	9	15	7	4	6	3	4	2	5	56	486-1	220	2704	2993	4128
.05	69	20	21	11	19	9	11	10	5	7	1	3	3	4	2	56	480-1	251	2391	2523	4115
.04	77	27	29	24	12	17	16	13	8	8	8	5	2	2	6	34	366-1	288	2039	2121	4107
.03	80	52	24	23	21	13	13	5	7	7	4	2	4	6	2	26	342-1	289	1689	1749	4101
.02	83	38	24	28	15	16	5	10	7	2	5	4	2	9	1	14	342-1	263	1332	1370	4101
.01	56	34	15	18	10	9	11	3	3	3	2	2	4	2	2	8	168-2	182	848	862	4100

HOURS INTERVAL BETWEEN EVENTS

30 35.7N 176.1E

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-6	6	2208	4224	4224
.12																6	SEA-6	6	2208	4224	4224
.11																7	SEA-5	7	2048	4250	4252
.10											1					8	SEA-4	9	1953	4151	4163
.08	6	2	1	3	4			3	1	2		3	1	1		46	1194-1	73	3253	4030	4327
.06	48	18	13	11	18	11	9	10	8	10	3	7	6	2	4	61	594-1	239	2807	2877	4146
.05	52	24	15	24	23	12	10	10	7	11	11	5	2	2	2	53	420-1	263	2363	2428	4131
.04	68	34	39	29	21	12	14	12	8	9	5	2	5	4	8	36	240-1	306	2000	2012	4124
.03	78	45	41	27	18	15	11	12	8	6	6	2	4	9	2	23	216-1	307	1666	1667	4118
.02	87	59	24	18	29	14	11	8	5	3	1	2	8	2	1	14	210-1	286	1264	1264	4115
.01	67	30	15	19	15	10	10	1	1	3	2	1	2	2	1	8	150-1	187	755	755	4112

HOURS INTERVAL BETWEEN EVENTS

32 35.4N 142.0W

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-6	6	2208	4224	4224
.12																6	SEA-6	6	2208	4224	4224
.11																6	SEA-6	6	2208	4224	4224
.10											1					7	SEA-5	8	2342	4328	4335
.08	9		1		2						1	1				20	SEA-3	34	2607	4243	4354
.06	32	13	8	6	9	3	6	2		3	1	3	2	4	4	65	1134-1	161	3071	3480	4202
.05	59	22	4	8	7	8	4	2	7	1	5	7	10	2	5	58	984-1	209	2696	3035	4186
.04	65	16	25	7	10	11	15	7	7	9	5	6	4	6	1	48	594-1	242	2409	2610	4155
.03	67	24	19	13	9	17	12	11	4	9	9	7	2	6	2	39	468-1	250	2134	2244	4147
.02	68	37	32	21	10	17	9	13	5	8	5	10	4	3	3	24	306-1	269	1730	1801	4121
.01	77	39	22	16	3	10	5	7	4	2	2	5	3	5	3	14	294-1	217	1122	1156	4103

HOURS INTERVAL BETWEEN EVENTS

33 34.6N 145.9E

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-5	6	1923	4251	4252
.12																6	SEA-5	6	1922	4250	4252
.11																7	SEA-5	7	2176	[illegible]	4292
.10																14	SEA-4	14	2722	4267	4280
.08	16	3	3	1	5	4			4	4	2		2	1		56	1566-1	101	3218	[illegible]	[illegible]
.06	29	15	13	6	6	10	13	9	8	8	5		9	5	5	54	528-1	195	2607	2718	4131
.05	34	27	16	17	17	11	12	12	8	10	1	6	8	1	4	43	522-1	227	2231	2282	4123
.04	55	32	25	31	17	12	12	9	9	6	8	7	3	3	5	29	240-2	263	1846	1865	4109
.03	55	31	40	15	10	19	8	10	5	4	7	8	2	2	4	24	228-1	244	1521	1539	4103
.02	62	33	24	20	17	15	9	7	8	3	4	3	1	1	3	13	210-1	223	1121	1132	4103
.01	48	25	21	23	12	3	4	5	3	2	4	2	2	1		5	114-1	160	641	641	4100

HOURS INTERVAL BETWEEN EVENTS

35 34.2N 163.8E

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-6	6	2208	4224	4224
.12																6	SEA-6	6	2208	4224	4224
.11																6	SEA-6	6	2208	4224	4224
.10								1								9	SEA-2	10	1893	4222	4244
.08	11	2	2	4		3		2	1	1	1	6	2			47	1476-1	82	2970	3950	4298
.06	48	15	8	12	8	12	12	5	11	3	9		2	4	3	67	402-1	219	2768	2905	4158
.05	58	18	13	12	16	12	10	10	4	5	5	5	6	3	7	54	402-1	238	2417	2466	4137
.04	65	34	20	22	15	10	10	6	16	8	4	10	7	3	4	36	366-1	270	1974	2015	4109
.03	67	35	35	22	18	12	17	14	7	11	3	3	2	5	4	24	258-1	279	1642	1678	4109
.02	74	31	29	16	23	15	9	6	7	5	2	3	7	3	4	14	246-1	248	1257	1271	4106
.01	69	22	19	10	9	9	6	10	5	5	2	3	2			6	168-1	177	734	741	4100

HOURS INTERVAL BETWEEN EVENTS

36 33.7N 123.9E

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-6	6	2208	4224	4224
.12																6	SEA-6	6	2208	4224	4224
.11																6	SEA-6	6	2208	4224	4224
.10																7	SEA-4	7	2187	4207	4207
.08	9	4		1	1	1	1				1		1		1	38	1962-1	58	3272	[illegible]	[illegible]
.06	37	13	10	4	9	7	9	5	5	3	6	2	7	3	6	69	1020-1	195	3075	[illegible]	4209
.05	58	22	14	8	10	12	6	6	6	7	8	6	5	7	7	60	432-1	242	2632	[illegible]	4177
.04	69	15	18	12	21	16	5	10	6	16	10	6	7	11	5	39	360-1	266	2214	[illegible]	4126
.03	63	23	29	16	22	12	11	7	18	8	7	10	7	3	6	30	294-1	272	1916	1935	4119
.02	60	32	34	20	15	9	14	13	16	9	9	6	1	2	2	20	294-1	262	1543	1551	4118
.01	65	48	29	19	14	13	11	12	9	5	6	2	2	3	2	12	294-1	252	1238	1240	4118

HOURS INTERVAL BETWEEN EVENTS

38 31.5N 127.7W

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-6	6	2208	4224	4224
.12																6	SEA-6	6	2208	4224	4224
.11																6	SEA-6	6	2208	4224	4224
.10																8	SEA-6	8	2455	4394	[illegible]
.08	10	6	2	3	2	3	1		1	2			2	1	2	37	1752-1	72	2612	4181	[illegible]
.06	60	24	8	7	10	4	8	7	5	2	5	2	4	1	1	59	426-1	207	2454	2669	4214
.05	73	26	18	15	8	4	9	4	6	4	12	4	3	3	5	46	372-1	240	2017	2165	4193
.04	91	24	14	18	11	9	10	9	9	10	6	2	1	1	2	31	258-1	248	1554	1661	4142
.03	78	26	18	15	9	12	9	6	6	3	5	4	4		2	19	234-1	216	1144	1220	4104
.02	45	28	20	11	11	13	5	2	8	4	3	2	3		2	7	186-2	164	794	829	4101
.01	30	21	16	11	3	2	3	1		2			1		3	2	174-1	95	346	347	4100

HOURS INTERVAL BETWEEN EVENTS

39 29.9N 177.3W

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-6	6	2208	4224	4224
.12																6	SEA-6	6	2208	4224	4224
.11																6	SEA-6	6	2208	4224	4224
.10										1						7	SEA-4	8	2197	[illegible]	[illegible]
.08	5	1		3	1		1		1	2	1			1		25	1494-1	41	[illegible]	[illegible]	[illegible]
.06	44	18	4	4	7	2	4	4	3	2	5	5	6	1	2	65	606-1	176	[illegible]	3154	4165
.05	73	23	6	9	9	7	10	12	5	5	4	7	6	9	4	48	576-1	237	[illegible]	2517	4140
.04	91	31	23	15	11	11	6	6	11	3	10	7	6	5	9	33	276-1	278	2001	2137	4107
.03	90	30	21	15	14	9	11	12	10	5	10	6	5	6	2	23	222-1	269	1676	[illegible]	4105
.02	96	24	33	15	15	9	12	9	4	8	2	5	5	4	1	16	216-1	258	1320	[illegible]	4102
.01	53	28	17	14	11	8	6	4	4	4	1	4	6	1	1	6	144-1	168	757	787	4100

HOURS INTERVAL BETWEEN EVENTS

41 29.4N 134.9E

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	SEA-6	6	2208	4224	4224
.14																6	SEA-6	6	2208	4224	4224
.13																6	SEA-5	6	1911	4248	4252
.12						1										7	SEA-5	8	2004	[illegible]	[illegible]
.11			1			1										11	SEA-4	13	2172	[illegible]	[illegible]
.10	5	2	1	1	1		1	1			1			1		15	SEA-2	29	2815	4418	4511
.08	15	7	5	1	2	2	4	1		3	1			2	3	44	1278-1	90	2957	3737	4321
.06	47	10	12	1	8	6	4	6	5	3	6	6	4	5	3	55	660-1	180	2607	2774	4251
.05	45	17	18	7	10	9	3	7	7	9	7	7	2	3	6	44	420-1	201	2152	2250	4193
.04	54	24	16	15	9	12	10	7	9	8	6	4	7	4	6	35	414-1	226	1856	[illegible]	[illegible]
.03	55	30	15	13	17	8	11	5	8	10	9		4	4	5	24	402-1	224	1559	1636	4115
.02	59	38	20	14	11	12	9	11	2	4	5	4	2	2	1	16	300-1	210	1158	1203	4107
.01	44	25	14	5	5	9	8	4	4	3	3	1	1	2	2	7	246-1	137	661	670	4102

HOURS INTERVAL BETWEEN EVENTS

42 28.6N 139.2W

WAVE SLOPE ≥	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
.15																6	[illegible]	6	[illegible]	[illegible]	[illegible]
.14																6	[illegible]	6	[illegible]	[illegible]	[illegible]
.13																6	[illegible]	6	[illegible]	[illegible]	[illegible]
.12																6	[illegible]	6	[illegible]	[illegible]	[illegible]
.11																6	[illegible]	6	[illegible]	[illegible]	[illegible]
.10																6	[illegible]	6	[illegible]	[illegible]	[illegible]
.08	1		1		1											22	[illegible]	25	[illegible]	[illegible]	[illegible]
.06	62	20	20	6	7	4	6	4	5	1	4	3	5	5	5	65	[illegible]	222	[illegible]	[illegible]	[illegible]
.05	80	29	17	9	8	6	4	3	11	8	10	6	2	5	3	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.04	78	27	22	14	12	7	12	17	7	3	4	5	1	2	3	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.03	91	22	19	15	12	13	10	8	6	1	4		1	4	4	30	[illegible]	242	[illegible]	[illegible]	[illegible]
.02	69	25	27	12	14	11	4	6	7	4	4	2	3	5		17	[illegible]	211	[illegible]	[illegible]	[illegible]
.01	62	28	19	11	15	6	5	5	3	2	4	1	5			4	[illegible]	170	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

2

SUMMER

WAVE SLOPE (α)

43 28.2N 125.9E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																7	SEA-6	7	2074	4249	4252
≥.11	3						1									9	SEA-5	13	2507	4405	4420
≥.10	3	1				1										15	SEA-2	20	2976	4749	4808
≥.08	18	4	3	1	3	2	2		2	1	2	1	2	3	2	54	1260-1	100	3379	3976	4432
≥.06	50	15	14	6	5	5	8	6	10	3	2	5	1	4	4	61	618-1	199	2557	2667	4159
≥.05	55	16	14	8	11	12	9	3	7	5	10	1	3	4	7	45	564-1	210	2211	2281	4116
≥.04	70	24	20	19	12	5	6	7	8	7	6	5	3	3	4	37	276-1	256	1808	1876	4114
≥.03	57	26	17	16	12	5	11	7	5	9	5	3	5	5	3	28	276-2	214	1522	1583	4109
≥.02	69	21	15	20	11	9	8	7	2	9	10	1	2	3	1	18	264-2	206	1215	1248	4100
≥.01	42	17	16	18	13	5	6	7	3	5	3		3	3	3	9	264-2	153	880	913	4100

HOURS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4222	4222
≥.14																6	SEA-6	6	2208	4222	4222
≥.13																6	SEA-6	6	2208	4222	4222
≥.12	1															6	SEA-5	7	1915	4248	4250
≥.11	2															8	SEA-5	10	2167	4237	4250
≥.10						1										11	SEA-4	12	2461	4476	4515
≥.08	7	4	3		1	1	3	3	2				1	1		32	SEA-1	58	3054	4095	4432
≥.06	39	13	9	7	4	4	6	5	6	2	5	7	3	3	2	53	888-1	168	2687	3179	4251
≥.05	54	16	12	9	12	8	10	3	5	4	6	4	5	5	4	54	522-1	211	2536	2709	4181
≥.04	62	30	19	16	12	9	11	3	9	9	5	6	2	7	5	45	324-1	250	2194	2292	4149
≥.03	79	30	31	19	14	16	8	8	11	4	5	5	5	7	6	31	258-1	279	1890	1940	4138
≥.02	93	43	20	15	15	14	10	12	5	5	7	3	3	4		21	228-1	270	1440	1473	4117
≥.01	53	30	21	10	11	7	11	9	2	2	1	3	2	1		5	144-1	168	689	703	4101

HOURS INTERVAL BETWEEN EVENTS

46 26.1N 170.8E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10																7	SEA-4	7	1941	4281	4286
≥.08	6	5	3	1		2	2	1		1		1	1		1	31	SEA-1	55	2990	4127	4340
≥.06	53	24	13	8	4	1	7	7	2	6	3	2	6		3	52	732-1	191	2602	2888	4154
≥.05	55	17	11	6	5	8	7	9	3	2	7	4	7	2	1	52	414-1	196	2261	2410	4114
≥.04	59	30	15	12	10	10	12	10	5	10	7	2	6	5	1	37	378-1	231	1903	2010	4111
≥.03	89	32	31	14	7	6	11	10	10	5	4	3	8	2	4	24	378-1	260	1603	1663	4110
≥.02	78	37	26	10	15	9	10	10	7	4	3	3	3	6		19	228-1	240	1223	1250	4106
≥.01	47	19	20	9	8	8	3	4	5	3	2	4	1	3		5	120-2	141	615	630	4100

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																7	SEA-6	7	2470	4486	4487
≥.10																7	SEA-6	7	2470	4484	4488
≥.08	2	1	1	1				1	1		1					25	SEA-1	33	3277	4653	4743
≥.06	70	26	20	10	9	2	9	2	6	4	3	9	2	3	10	66	492-1	251	3024	3212	4175
≥.05	133	46	40	11	13	12	21	4	9	8	11	3	6	4	13	44	318-1	378	2499	2602	4164
≥.04	141	49	41	14	18	17	19	5	15	6	11	8	3	4	8	23	282-1	382	1975	2040	4144
≥.03	146	45	47	17	18	20	4	6	9	8	10	3	5	2	3	12	222-1	355	1442	1477	4136
≥.02	78	42	17	7	9	3	8	4	1	2	3			1		4	186-1	179	557	575	4136
≥.01	20	10	1	5	1	1	1		1							1	120-1	41	110	114	4118

HOURS INTERVAL BETWEEN EVENTS

49 22.6N 128.0E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-5	6	1933	4249	4252
≥.12																7	SEA-5	7	2018	4240	4252
≥.11	1		1	1												9	SEA-4	12	2192	4267	4295
≥.10	5	3		1												18	SEA-1	27	2507	4520	4600
≥.08	6	3	5	1	2	2	2	2	3	1	2	2	3	1	3	49	954-1	87	3280	3942	4491
≥.06	37	14	13	6	7	7	12	6	7	4	6	2	4	6	3	50	558-1	184	2545	2796	4167
≥.05	60	27	13	15	14	9	9	7	10	5	2	6	2	6	3	40	516-1	228	2202	2394	4149
≥.04	101	35	23	16	14	7	14	13	11	5	6	4	4	2	6	30	324-1	291	1905	1978	4139
≥.03	108	36	32	12	17	11	13	4	6	7	3	1	5	5	3	23	276-1	286	1558	1598	4106
≥.02	99	30	24	15	11	17	7	8	4	2	8	4		1		15	252-1	245	1117	1151	4101
≥.01	63	23	12	14	6	12	6	5	1	1	2	2		1	2	8	240-1	158	679	709	4101

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10																6	SEA-6	6	2208	4224	4224
≥.08	15	4	3	1	1	2	1	4		1	2		1		1	29	SEA-2	65	2801	4183	4296
≥.06	56	24	20	9	6	4	7	4	7	2	6	6	6	1	2	58	570-1	218	2515	2819	4178
≥.05	108	37	17	10	5	12	10	8	6	6	9	7	6	3	4	40	444-1	288	2102	2290	4160
≥.04	133	34	23	11	13	21	9	11	8	5	5	3	3	5	3	25	222-2	312	1588	1708	4142
≥.03	111	43	22	25	21	12	9	6	4	7	5	1	3	2	4	12	216-1	287	1224	1297	4132
≥.02	117	42	29	10	22	13	7	2	3	4	1	2		1	1	10	180-1	264	915	954	4126
≥.01	107	33	26	7	15	12	3	4	3	1		1				7	144-1	219	658	690	4105

HOURS INTERVAL BETWEEN EVENTS

52 19.2N 127.8W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																7	SEA-5	7	2058	4250	4252
≥.11	1															8	SEA-5	9	2053	4245	4252
≥.10	1	1												1		11	SEA-5	14	2726	4446	4475
≥.08	15	4	6	3	1	4	4	2	3	4	5	3	2	1		52	1716-1	109	3180	3912	4364
≥.06	104	40	28	15	14	13	13	13	4	9	10	3	6	6	4	27	462-1	309	1986	2064	4127
≥.05	145	45	37	14	12	13	5	4	7	5	2	8	1	6	5	14	228-1	323	1388	1454	4124
≥.04	139	37	17	12	10	10	9	5	7	6	2	4	5	2	2	9	222-1	272	1025	1078	4118
≥.03	99	26	18	12	7	8	12	4	4	6	2	2	2	1	2	3	126-1	208	719	739	4111
≥.02	58	24	17	12	5	5	3	3	2		1	3		1	1		90-1	135	399	405	4101
≥.01	13	9	6	2	3	1								1			84-1	35	92	92	4100

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																7	SEA-4	7	2093	4216	4218
≥.13																7	SEA-4	7	2059	4182	4185
≥.12																8	SEA-4	8	2162	4284	4294
≥.11	2															10	SEA-2	12	1908	4263	4279
≥.10	1	2	1					2		1		1			1	20	1794-1	29	2334	4292	4354
≥.08	25	6	3	4		5	2	1	2	2	3		3	3	4	52	1008-1	115	3326	3776	4271
≥.06	62	24	18	14	7	8	7	9	6	6	5	7	2	2		55	480-1	232	2750	2954	4167
≥.05	96	38	23	10	18	15	14	5	8	4	5	3	5	5	2	48	420-1	299	2406	2518	4123
≥.04	123	45	28	21	21	15	11	6	6	6	6	6	2	7	5	35	420-1	343	2147	2217	4121
≥.03	133	37	39	29	20	17	10	10	6	4	10	6	5	7	3	23	342-1	359	1907	1963	4120
≥.02	151	44	45	30	20	5	11	5	9	5	5	3	4	5	4	16	306-1	362	1564	1586	4120
≥.01	118	29	34	16	15	4	9	6	5	3	2	3	3	2	3	10	216-1	262	1032	1044	4106

HOURS INTERVAL BETWEEN EVENTS

55 17.6N 138.5E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-5	6	1877	4251	4252
≥.12																7	SEA-4	7	1777	4469	4473
≥.11		1														11	SEA-3	12	2174	4489	4504
≥.10	1		1													17	SEA-1	19	2481	4569	4636
≥.08	22	5	4	3	5	3	1	3	3	1	2	3	1	5	1	59	1206-1	121	3628	4036	4498
≥.06	57	19	9	6	10	12	9	8	4	6	8	8	6	7	4	54	606-1	227	2688	2922	4254
≥.05	86	22	19	22	14	10	8	7	11	11	6	7	9	7	3	41	366-1	283	2376	2420	4184
≥.04	106	45	34	22	11	20	13	12	8	9	6	3	8	1		31	270-1	329	1919	1945	4123
≥.03	107	50	31	27	12	22	8	12	9	5	7	4	6	2	2	21	252-1	325	1596	1611	4106
≥.02	100	58	32	15	18	13	6	7	7	4	5	13	3	1	4	5	204-1	291	1192	1197	4105
≥.01	62	32	19	11	9	1	5	8	3	5	5	2	2			4	204-1	168	662	663	4100

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4218	4218
≥.14																6	SEA-6	6	2208	4218	4218
≥.13																7	SEA-6	7	2446	4217	4218
≥.12																9	SEA-6	9	2702	4472	4476
≥.11															1	10	SEA-4	11	2652	4326	4339
≥.10	4	2		1								2		1		12	SEA-4	22	2787	4437	4482
≥.08	11	4	3						3	1	1	1	3	1		33	1518-1	61	3074	4270	4495
≥.06	35	17	10	4	5	5	11	7	4	5		3	3	6	3	71	612-1	189	3149	3491	4200
≥.05	73	21	27	10	23	22	12	5	7	8	3	4	8	4	5	59	516-1	291	2842	3046	4158
≥.04	129	46	38	20	22	21	17	11	13	8	5	5	4	7	3	45	378-1	394	2527	2631	4157
≥.03	145	54	36	33	27	22	20	8	7	7	5	6	5	6	5	28	330-2	414	2166	2263	4106
≥.02	152	63	48	38	25	27	13	8	10	6	8	5	1	3	4	16	252-1	427	1819	1842	4103
≥.01	116	54	37	29	18	18	9	11	5	1	5	5	1	2	3	11	246-1	325	1322	1336	4103

HOURS INTERVAL BETWEEN EVENTS

58 14.5N 127.7E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-5	6	2133	4149	4149
≥.11		1														7	SEA-4	8	2036	4267	4271
≥.10		1	1													9	SEA-2	11	1766	4307	4332
≥.08	7	2	2	3	3	2	1	1		1	1		1		2	33	1164-1	59	2724	4258	4502
≥.06	52	24	7	13	4	3	5	7	4	4	4	1		1	2	58	768-1	189	3102	3459	4346
≥.05	55	17	26	8	4	8	12	5	4	5	3	1	3	3	3	66	450-2	223	2810	2973	4204
≥.04	86	37	32	16	10	18	15	8	9	7	7		3	4	3	53	372-1	309	2503	2584	4142
≥.03	80	40	35	19	23	16	19	6	10	5	6	6	2	3	5	42	354-1	317	2252	2298	4110
≥.02	112	50	48	28	23	15	13	10	7	5	10	7	1	3	2	27	306-1	359	1886	1925	4105
≥.01	92	42	37	20	15	15	6	5	8	4	2	5	2	2	3	19	252-1	277	1316	1325	4100

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-5	6	2026	4251	4252
≥.10				1												6	SEA-5	7	2029	4248	4252
≥.08	12	4	4	3	2		4	1	2	1		1		2		31	2130-1	67	2967	4235	4449
≥.06	70	39	28	16	17	10	6	8	10	6	4	5	3	4	3	44	516-1	273	2330	2592	4271
≥.05	99	37	35	18	16	9	13	5	10	7	7	2	6	2	3	25	510-1	294	1740	1815	4148
≥.04	145	46	38	11	19	14	4	5	3	5	4	2	3		2	14	228-1	315	1172	1211	4113
≥.03	120	46	21	11	18	5	8	3	1	2	4	3	3	2	1	3	210-1	251	787	810	4111
≥.02	78	23	16	13	10	5	1	1	4	1		1				2	120-2	155	417	428	4109
≥.01	13	3	3	2	1		1	1									48-1	24	56	57	4100

HOURS INTERVAL BETWEEN EVENTS

61 12.0N 156.7E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-5	6	[illegible]	4251	4252
≥.12																6	SEA-5	6	[illegible]	4251	4252
≥.11																6	SEA-5	6	[illegible]	4250	4252
≥.10																8	SEA-5	8	2160	[illegible]	[illegible]
≥.08	6	[illegible]	[illegible]	[illegible]	[illegible]											10	SEA-4	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	2	47	1074-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	50	762-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	6	[illegible]	570-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	[illegible]	2	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	2	11	[illegible]	[illegible]	[illegible]	[illegible]	4100

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

Wave slope (α)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4205	4205
≥.14																6	SEA-6	6	2208	4205	4205
≥.13																6	SEA-6	6	2208	4205	4205
≥.12																6	SEA-6	6	[illegible]	4205	4205
≥.11																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.10																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) INTERVALS (Cont'd)

44 — 27.9N 150.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4222	4222
≥.14																6	SEA-6	6	2208	4222	4222
≥.13																6	SEA-6	6	2208	4222	4222
≥.12	1															6	SEA-5	7	1915	4248	4250
≥.11	2															8	SEA-5	10	2167	4237	4250
≥.10						1										11	SEA-4	12	2461	4476	4515
≥.08	7	4	3		1	1	3	3	2				1	1		32	SEA-1	58	3054	4095	4432
≥.06	39	13	9	7	4	4	6	5	6	2	5	7	3	3	2	53	888-1	168	2687	3179	4251
≥.05	54	16	12	9	12	8	10	3	5	4	6	4	5	5	4	54	522-1	211	2536	2709	4181
≥.04	62	30	19	16	12	9	11	3	9	9	5	6	2	7	5	45	324-1	250	2194	2292	4149
≥.03	79	30	31	19	14	16	8	8	11	4	5	5	5	7	6	31	258-1	279	1890	1940	4138
≥.02	93	43	20	15	15	14	10	12	5	5	7	3	3	4		21	228-1	270	1440	1473	4117
≥.01	53	30	21	10	11	7	11	9	2	2	1	3	2	1		5	144-1	168	689	703	4101

HOURS INTERVAL BETWEEN EVENTS

45 — 27.8N 145.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10																6	SEA-6	6	2208	4224	4224
≥.08		3	2		1		1			1				1	1	17	SEA-2	27	2393	4230	4298
≥.06	88	20	17	6	4	7	2	6	7	7	4	4	2	2	2	54	990-1	232	2739	3092	4240
≥.05	72	23	14	7	8	11	14	5	12	10	6	2	3	2	3	49	570-1	241	2416	2540	4166
≥.04	95	26	28	20	21	8	5	7	5	10	5	7	3	4	4	32	330-1	280	1897	1954	4124
≥.03	91	30	26	12	15	12	9	5	3	10	6	5	3	3	2	25	282-1	257	1511	1551	4117
≥.02	87	22	20	14	11	10	4	6	5	5	3	2	3	3	1	18	174-1	224	1121	1155	4107
≥.01	64	15	13	16	7	9	4	5		6	1	1	6	1		5	144-1	153	631	644	4100

HOURS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																7	SEA-6	7	2470	4486	4487
≥.10																7	SEA-6	7	2470	4484	4488
≥.08	2	1	1	1				1	1		1					25	SEA-1	33	3277	4653	4743
≥.06	70	26	20	10	9	2	9	2	6	4	3	9	2	3	10	66	492-1	251	3024	3212	4175
≥.05	133	46	40	11	13	12	21	4	9	8	11	3	6	4	13	44	318-1	378	2499	2602	4164
≥.04	141	49	41	14	18	17	19	5	15	6	11	8	3	4	8	23	282-1	382	1975	2040	4144
≥.03	146	45	47	17	18	20	4	6	9	8	10	3	5	2	3	12	222-1	355	1442	1477	4136
≥.02	78	42	17	7	9	3	8	4	1	2	3			1		4	186-1	179	557	575	4136
≥.01	20	10	1	5	1	1	1		1							1	120-1	41	110	114	4118

HOURS INTERVAL BETWEEN EVENTS

48 — 23.5N 151.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10																6	SEA-6	6	2208	4444	4445
≥.08	6	5	2					1	2				1			23	SEA-3	40	2889	4279	4390
≥.06	102	44	11	10	18	3	9	2	10	3	7	2	2	4	9	47	1350-1	283	2638	2848	4287
≥.05	82	40	19	15	9	13	8	7	11	4	5	7	3	4	2	34	546-1	263	2006	2071	4181
≥.04	128	51	23	15	20	11	8	9	4	4	5	3	3	3	3	18	234-1	308	1366	1401	4143
≥.03	97	38	20	15	16	10	4	6	1	4	4	5			2	11	168-1	233	912	939	4113
≥.02	75	31	19	9	7	3	5	4	3		3	2		1	3	5	150-1	170	598	600	4102
≥.01	40	16	6	8	3	1	3	5	1	1	3	1				1	132-1	89	290	290	4102

HOURS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10																6	SEA-6	6	2208	4224	4224
≥.08	15	4	3	1	1	2	1	4		1	2		1		1	29	SEA-2	65	2801	4183	4296
≥.06	56	24	20	9	6	4	7	4	7	2	6	6	6	1	2	58	570-1	218	2515	2819	4178
≥.05	108	37	17	10	5	12	10	8	6	6	9	7	6	3	4	40	444-1	288	2102	2290	4160
≥.04	133	34	23	11	13	21	9	11	8	5	5	3	3	5	3	25	222-2	312	1588	1708	4142
≥.03	111	43	22	25	21	12	9	6	4	7	5	1	3	2	4	12	216-1	287	1224	1297	4132
≥.02	117	42	29	10	22	13	7	2	3	4	1	2		1	1	10	180-1	264	915	954	4126
≥.01	107	33	26	7	15	12	3	4	3	1		1				7	144-1	219	658	690	4105

HOURS INTERVAL BETWEEN EVENTS

51 — 20.5N 177.1W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10																6	SEA-6	6	2208	4224	4224
≥.08	13	6	2		3		1			1			1		1	35	2172-1	63	3119	4252	4400
≥.06	64	24	23	11	11	10	10	6	6	4	5	4	6	3	6	45	708-1	238	2462	2653	4127
≥.05	100	29	21	9	15	7	12	6	3	5	6	6	2	5	1	42	408-1	269	1923	2025	4103
≥.04	115	30	22	14	12	7	12	11	4	4	3	4	5	3	3	23	276-1	272	1381	1448	4101
≥.03	81	38	20	13	10	10	7	5	4	5	3	2	4	2	3	12	270-1	219	1016	1056	4100
≥.02	63	21	15	11	8	6	7	6	2	4	1	4	1	2		7	210-1	158	682	703	4100
≥.01	27	17	6	6	1	3	2	1	2		3	1			1	3	132-1	73	285	304	4100

HOURS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																7	SEA-4	7	2093	4216	4218
≥.13																7	SEA-4	7	2059	4182	4185
≥.12																8	SEA-4	8	2162	4284	4294
≥.11	2															10	SEA-2	12	1908	4263	4279
≥.10	1	2	1					2		1		1			1	20	1794-1	29	2334	4292	4354
≥.08	25	6	3	4		5	2	1	2	2	3		3	3	4	52	1008-1	115	3326	3776	4271
≥.06	62	24	18	14	7	8	7	9	6	6	5	7	2	2		55	480-1	232	2750	2954	4167
≥.05	96	38	23	10	18	15	14	5	8	4	5	3	5	5	2	48	420-1	299	2406	2518	4123
≥.04	123	45	28	21	21	15	11	6	6	6	6	6	2	7	5	35	420-1	343	2147	2217	4121
≥.03	133	37	39	29	20	17	10	10	6	4	10	6	5	7	3	23	342-1	359	1907	1963	4120
≥.02	151	44	45	30	20	5	11	5	9	5	5	3	4	5	4	16	306-1	362	1564	1586	4120
≥.01	118	29	34	16	15	4	9	6	5	3	2	3	3	2	3	10	216-1	262	1032	1044	4106

HOURS INTERVAL BETWEEN EVENTS

54 — 18.2N 168.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-6	6	2208	4224	4224
≥.10																7	SEA-5	7	2210	4226	4229
≥.08	8	4	2	2	1	3		2	1		2	1			2	41	1962-1	69	2842	4066	4320
≥.06	74	21	12	11	12	5	12	6	6	5	3	5	6	4	2	59	570-1	243	2631	2741	4199
≥.05	89	34	37	[illegible]	15	12	6	7	9	10	7	4	4	6	2	43	330-1	298	2076	2137	4135
≥.04	127	38	29	[illegible]	14	11	10	8	6	5	12	6	4	4	6	21	216-1	315	1615	1658	4118
≥.03	130	42	27	8	13	17	3	7	7	5	7	3	5	2	2	14	162-1	302	1246	1262	4117
≥.02	87	27	27	12	8	9	9	3	1	5	7	3	2		1	7	162-1	208	812	822	4107
≥.01	43	20	14	7	4	4	2	4	1	3	1		1		1	1	102-1	106	338	347	4101

HOURS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4218	4218
≥.14																6	SEA-6	6	2208	4218	4218
≥.13																7	SEA-6	7	2446	4217	4218
≥.12																9	SEA-6	9	2702	4472	4476
≥.11															1	10	SEA-4	11	2652	4326	4339
≥.10	4	2		1								2		1		12	SEA-4	22	2787	4437	4482
≥.08	11	4	3						3	1	1	1	3	1		33	1518-1	61	3074	4270	4495
≥.06	35	17	10	4	5	5	11	7	4	5		3	3	6	3	71	612-1	189	3149	3491	4200
≥.05	73	21	27	10	23	22	12	5	7	8	3	4	8	4	5	59	516-1	291	2842	3046	4158
≥.04	129	46	38	20	22	21	17	11	13	8	5	5	4	7	3	45	378-1	394	2527	2631	4157
≥.03	145	54	36	33	27	22	20	8	7	7	5	6	5	6	5	28	330-2	414	2166	2263	4106
≥.02	152	63	48	38	25	27	13	8	10	6	8	5	1	3	4	16	252-1	427	1819	1842	4103
≥.01	118	54	37	29	18	18	9	11	5	1	5	5	1	2	3	11	246-1	325	1322	1336	4103

HOURS INTERVAL BETWEEN EVENTS

57 — 14.9N 147.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																7	SEA-6	7	2259	4223	4224
≥.14																7	SEA-6	7	2259	4222	4224
≥.13																7	SEA-6	7	2258	4221	4224
≥.12																7	SEA-6	7	2257	4220	4224
≥.11																7	SEA-6	7	2256	4218	4224
≥.10	1		1										1			8	SEA-6	11	[illegible]	4204	4224
≥.08	14		2	1	5	2	1	1		3	1			1	1	43	2148-1	75	[illegible]	4310	4517
≥.06	85	14	22	13	16	6	4	10	10	7	5	4	6	3	4	62	768-1	271	3014	3261	4197
≥.05	131	29	38	14	18	10	15	5	12	5	11	3	7	7	3	54	414-1	362	2653	2776	4159
≥.04	154	45	45	19	21	13	9	8	19	9	11	5	5	6	7	37	222-2	413	2306	2385	4141
≥.03	182	43	51	17	19	11	17	6	12	9	7	4	5	6	3	30	210-1	422	1966	1999	4123
≥.02	180	37	59	21	16	11	15	14	6	6	5		5	4	1	18	150-3	398	1554	1577	4117
≥.01	88	36	39	17	13	17	10	3	2	6	3	2		1	1	5	138-1	243	864	867	4106

HOURS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4224	4224
≥.14																6	SEA-6	6	2208	4224	4224
≥.13																6	SEA-6	6	2208	4224	4224
≥.12																6	SEA-6	6	2208	4224	4224
≥.11																6	SEA-5	6	2026	4251	4252
≥.10				1												6	SEA-5	7	2029	4248	4252
≥.08	12	4	4	3	2		4	1	2	1		1		2		31	2130-1	67	2967	4235	4449
≥.06	70	39	28	16	17	10	6	8	10	6	4	5	3	4	3	44	516-1	273	2330	2592	4271
≥.05	99	37	35	18	16	9	13	5	10	7	7	2	6	2	3	25	510-1	294	1740	1815	4148
≥.04	145	46	38	11	19	14	4	5	3	5	4	2	3		2	14	228-1	315	1172	1211	4113
≥.03	120	46	21	11	18	5	8	3	1	2	4	3	3	2	1	3	210-1	251	787	810	4111
≥.02	78	23	16	13	10	5	1	1	4	1		1				2	120-2	155	417	428	4109
≥.01	13	3	3	2	1		1	1									48-1	24	56	57	4100

HOURS INTERVAL BETWEEN EVENTS

60 — 12.2N 112.6E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	[illegible]	4224	4224
≥.14																6	SEA-6	6	[illegible]	4224	4224
≥.13																6	SEA-6	6	[illegible]	4224	4224
≥.12																6	SEA-6	6	[illegible]	4224	4224
≥.11																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.10	1															7	SEA-5	[illegible]	[illegible]	[illegible]	[illegible]
≥.08	15	9	3	6		4	4	1			2		1	1	2	34	1620-[illegible]	62	[illegible]	[illegible]	[illegible]
≥.06	50	24	11	9	6	2	2	7	1	7	1	5	4	2	3	39	[illegible]	174	2507	[illegible]	[illegible]
≥.05	81	25	17	12	11	8	5	3	6	5	6	4	1	3		40	[illegible]	227	[illegible]	[illegible]	[illegible]
≥.04	95	39	23	12	15	9	6	4	5	6	3	2		3	2	35	[illegible]	259	[illegible]	[illegible]	[illegible]
≥.03	76	44	27	13	11	7	4	1	3	3	6	2	1	3	4	33	[illegible]	[illegible]	1807	[illegible]	[illegible]
≥.02	86	23	20	13	12	5	3	3	6	5	4	2	4	2	2	33	[illegible]	223	[illegible]	[illegible]	[illegible]
≥.01	71	23	13	17	14	5	6	5	5	3	1		5	1	4	27	462-[illegible]	200	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	2208	4205	4205
≥.14																6	SEA-6	6	2208	4205	4205
≥.13																6	SEA-6	6	2208	4205	4205
≥.12																6	SEA-6	6	2208	4205	4205
≥.11																6	SEA-6	6	2208	4205	4205
≥.10																6	SEA-6	6	2208	4205	4205
≥.08																6	SEA-6	6	2208	4419	4426
≥.06		3				1										12	SEA-5	16	[illegible]	4324	4356
≥.05	4		2	1			1	1	1		2	1		1	2	18	SEA-4	34	[illegible]	4426	4520
≥.04	6	11	8	1	1	1	1	1	1	2	1				1	26	SEA-3	63	3047	4436	4618
≥.03	19	8	7	2	4	1	2	2	3	1	1		1		1	30	SEA-2	84	3297	4397	4677
≥.02	26	13	15	6	3	7	6	6	3		3	2	2	1	2	46	1120-1	141	2873	4081	4513
≥.01	25	20	14	10	7	9	8	4	6	1	2	1		2	1	47	1188-1	159	2748	3272	4364

HOURS INTERVAL BETWEEN EVENTS

63 — 2.1N 123.6E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥.15																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.14																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.13																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.12																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.11																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.10																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.08																6	SEA-6	6	[illegible]	[illegible]	[illegible]
≥.06	1											1				7	SEA-6	9	[illegible]	[illegible]	[illegible]
≥.05	1										1					10	SEA-6	12	[illegible]	[illegible]	[illegible]
≥.04		2	1		1	1	1									[illegible]	SEA-6	22	[illegible]	[illegible]	[illegible]
≥.03		1	7	1	1		1		1		1			1		15	SEA-6	31	[illegible]	[illegible]	[illegible]
≥.02	5	8	8		1	1		2	2			1	1		1	22	SEA-4	56	[illegible]	[illegible]	[illegible]
≥.01	13	8	9	2	2	2	1	2	1		3	2	3	1		28	SEA-[illegible]	79	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) INTERVALS

1 — 64.0N 166.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	2203	4929	4930
≥.14																6	SEA-5	6	2202	4928	4931
≥.13																7	SEA-5	7	2201	4927	4931
≥.12																10	SEA-5	10	2644	5267	5283
≥.11	2	6	2		1	1	1		1							34	1578-1	48	3027	4892	4996
≥.10	18	5	6	2	2	3	1	1				2	1	4	3	71	1164-1	119	3434	4335	4707
≥.08	63	20	18	19	19	20	20	8	15	13	11	5	9	5	3	43	342-1	291	2378	2528	4608
≥.06	49	29	40	30	20	17	14	5	4	5	3	1	2	4	1	10	174-1	234	1124	1151	4548
≥.05	59	37	31	28	15	12	4	2	7	2	2	1	5			6	162-1	211	827	850	4548
≥.04	67	40	39	21	17	5	5	2	5	1		1	2			3	156-1	198	643	663	4547
≥.03	70	27	30	20	13	4	4	4	3							2	138-1	177	509	524	4547
≥.02	58	33	23	19	4	2	3	3	2							2	138-1	149	403	413	4546
≥.01	32	29	10	13	2	2	3	1	2							1	126-1	95	262	269	4545

HOURS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	2201	4927	4929
≥.14																6	SEA-4	6	1920	4646	4649
≥.13	1															16	SEA-2	17	2852	5339	5358
≥.12									1	2	1					30	1512-1	34	2963	4812	4908
≥.11	10	2	4	5	3	1	2	7	4	3	1	3	2	1	3	62	1158-1	113	3235	4312	4672
≥.10	12	21	6	10	10	13	9	7	6	1	9	6	6	7	3	71	912-1	197	3165	3818	4748
≥.08	34	24	36	34	16	25	19	13	9	10	1	5	6	7	1	24	192-1	264	1755	1933	4601
≥.06	46	64	35	31	17	9	7	5	6	3	3	2	1	2		3	156-1	234	879	918	4545
≥.05	83	57	23	15	12	8	4	4	1	3		1	2			3	126-1	216	625	643	4545
≥.04	64	44	20	20	9	4	3	1	2	2		1					72-1	170	440	452	4545
≥.03	67	28	16	12	8	3	2	1	1	1		1					72-1	140	330	338	4545
≥.02	45	18	7	7	3	2	1	1				1					72-1	85	184	188	4545
≥.01	15	5	5	2	1			1				1					72-1	30	73	73	4545

HOURS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15												1				6	SEA-5	7	1881	4603	4606
≥.14												1				9	SEA-3	10	2246	5055	5068
≥.13		1	1							1						21	SEA-2	24	2892	4951	5006
≥.12	7	1	1			1		1	1	1	2		2			44	SEA-1	61	3286	4583	4759
≥.11	18	4	4	2	6	1	5	9	1	3	6	2	4	4	5	65	894-1	139	3352	4156	4654
≥.10	27	8	13	22	10	16	10	12	9	10	9	7	9	4	6	67	564-1	239	3051	3387	4607
≥.08	40	39	38	33	31	12	13	16	6	5	9	5	3	5	4	14	150-1	273	1513	1557	4575
≥.06	72	49	32	19	24	11	6	7	5	2	2			2	1		90-1	232	756	772	4546
≥.05	69	48	29	20	12	4	5	4	1				1				78-1	194	517	531	4545
≥.04	74	31	19	16	7	2	2	2	1								54-1	154	343	355	4545
≥.03	63	19	11	11	2	2	1	1									48-1	110	215	220	4545
≥.02	42	17	2	1													24-1	62	86	91	4545
≥.01	6	2															12-2	8	10	12	4545

HOURS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																7	SEA-4	7	2165	4890	4893
≥.13					1	1	1				1					18	SEA-5	22	3571	5810	5840
≥.12	3	1	5	1	1	1	2	2	2	2						35	SEA-1	55	3963	5349	5479
≥.11	10	4	9	6	5	7	2	5	1	2	1	2	1	1	4	60	1398-1	120	3742	4534	4983
≥.10	21	13	13	10	7	7	8	5	5	8	4	8	8	3	3	67	762-1	190	3276	3728	4723
≥.08	40	36	38	23	14	17	18	9	16	4	9	4	5	5	1	30	324-1	269	1880	2012	4605
≥.06	75	49	28	27	13	13	15	11	8	6	1	1	3	1	1	6	138-1	258	1037	1093	4551
≥.05	72	38	32	23	10	17	7	6	7	1	2	3			1	1	96-1	220	747	788	4545
≥.04	64	39	32	18	12	8	3	3	3	3					1		90-1	186	535	554	4545
≥.03	57	29	17	16	9	2	3	2	1	1			1				78-1	138	356	367	4545
≥.02	44	18	14	3	1		1		2								54-2	83	164	171	4545
≥.01	14	4	1	1			1										42-1	21	36	36	4545

HOURS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	2137	4861	4864
≥.14																8	SEA-5	8	2162	4886	4891
≥.13	1										1	1				13	SEA-2	16	2807	5683	5707
≥.12	1		2			1			1		1	1	1			33	SEA-1	41	3551	5289	5370
≥.11	4	2	2	1	4	2	2	3	3	1	2	1	1	3	4	69	1770-1	104	3719	4508	4836
≥.10	21	11	12	4	11	4	8	6	4	7	7	4	11	4	3	77	624-1	194	3358	3803	4662
≥.08	49	42	37	43	28	14	13	19	10	7	9	8	13	5	2	18	180-1	317	1857	1955	4573
≥.06	86	79	33	18	18	11	11	8	10	3	1	2	2	3		2	96-2	287	967	991	4555
≥.05	108	56	20	18	14	10	6	3	1	4	1		1				78-1	240	619	636	4550
≥.04	101	37	20	17	10	7	2	3			1						66-1	198	444	447	4544
≥.03	81	30	9	7	6	5		1			1						66-1	140	275	278	4544
≥.02	40	9	6	5	3	1			1								54-1	65	126	127	4544
≥.01	6	5		2													24-2	13	24	24	4544

HOURS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15		1										2				10	SEA-5	13	2576	5291	5306
≥.14		1								1	1					14	SEA-3	17	2720	5062	5099
≥.13	1								1		1					27	SEA-1	30	3088	4752	4831
≥.12	8	4	1	1	2	2	4	1	2		1	1	2		1	59	SEA-1	89	3499	4557	4778
≥.11	17	10	10	9	6	5	4	7	8	7	6	1	4	6	2	77	1530-1	179	3611	4250	4820
≥.10	26	20	25	26	12	14	10	13	12	7	4	4	5	9	5	73	390-1	265	3090	3414	4623
≥.08	73	58	44	36	19	23	12	16	15	5	6	4	7	4	5	9	150-1	336	1604	1645	4564
≥.06	93	55	36	25	26	6	6	3	2	7	3			1		3	108-1	266	828	842	4557
≥.05	104	51	33	11	15	2	5	1	4		1				2		90-2	229	556	564	4552
≥.04	89	40	17	13	10	1	3	2	2								54-2	177	383	387	4545
≥.03	62	26	13	9	3	1	4	1									48-1	119	246	250	4545
≥.02	33	18	4	6		1											36-1	62	111	114	4545
≥.01	7	1	2														18-2	10	15	15	4545

HOURS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	1951	4649	4651
≥.14																13	SEA-5	13	3133	5676	5689
≥.13		1			2		1		1	1	1	1	1		1	29	SEA-1	39	3817	5573	5633
≥.12	4	5	2	5	3	4	4	2	3	3	3	3	3	1	2	46	1764-1	93	3906	4988	5193
≥.11	15	12	12	9	5	9	9	8	5	1	6	7	3	2	3	62	840-1	168	3572	4302	4870
≥.10	36	27	15	16	17	15	17	11	8	6	7	10	3	1	9	63	612-1	262	3075	3393	4740
≥.08	53	43	29	29	21	19	10	5	8	9	2	6	1	3	3	14	294-1	255	1337	1445	4549
≥.06	77	41	22	25	16	10	6	4	1	4	2	2		2			84-2	212	662	718	4545
≥.05	79	38	20	15	10	8	1	2	2	1	2	1					72-1	179	458	490	4545
≥.04	53	40	11	18	4	1	1	3	1	1							60-1	133	314	334	4545
≥.03	48	21	17	2	1		3	2									48-2	94	191	210	4545
≥.02	26	9	4	2	1	1	1	1									48-1	45	90	98	4545
≥.01	6	1	1	1	2	1											36-1	12	31	31	4545

HOURS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-5	8	2380	4921	4925
≥.14	1							1								14	SEA-3	16	3035	5470	5490
≥.13							1					1				21	SEA-1	23	2363	4784	4826
≥.12	1	2	2	4	2	1	3			1		1	1	1	2	38	SEA-1	59	3238	4755	4896
≥.11	14	9	6	6	7	6	1	4	4	4	1	1	6	3	1	77	1284-1	150	3582	4423	4856
≥.10	37	29	26	33	17	21	16	13	9	9	8	4	4	6	1	63	420-1	296	3096	3461	4679
≥.08	75	63	37	28	18	11	13	8	5	8	1	6	3	1	2	12	282-1	291	1321	1387	4587
≥.06	81	41	28	20	11	7	6	7	3		1		1	1		3	138-2	210	651	660	4550
≥.05	86	34	25	16	5	8	5			1	1		1	2			84-2	184	463	467	4549
≥.04	83	30	17	10	4	5	1		2		1						66-1	153	320	324	4549
≥.03	54	20	4	9	4	3	1		1								54-1	96	196	196	4545
≥.02	24	9	5	6	3												30-3	47	96	96	4545
≥.01	6	1	2	2	1												30-1	12	27	27	4545

HOURS INTERVAL BETWEEN EVENTS

13 — 50.3N 171.3W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	2201	4926	4928
≥.14										1						9	SEA-5	10	2535	5140	5152
≥.13	1		1				1									18	SEA-2	21	2539	5104	5142
≥.12	7	4	2	2	1	1			1	2		3		1		49	SEA-1	73	3681	4882	5049
≥.11	14	7	6	5	4		5	4	5	8	4	3	3	2	4	75	984-1	149	3461	4397	4888
≥.10	30	16	14	15	13	16	12	17	17	10	7	3	6	7	5	62	564-1	250	2881	3428	4637
≥.08	64	50	49	32	25	17	5	12	7	7	8	5	6	5		9	126-1	301	1392	1481	4564
≥.06	78	58	32	17	17	7	5	2	7	1		2	1			1	102-1	228	663	700	4549
≥.05	88	50	21	17	5	2	7	4	1	2							60-2	197	466	473	4546
≥.04	70	31	22	10	5	2	3	2									48-2	145	312	315	4545
≥.03	55	15	10	5			3										42-3	88	156	157	4545
≥.02	24	8	2	1		1											36-1	36	56	56	4545
≥.01	7	1			1												30-1	9	14	14	4545

HOURS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15												1				11	SEA-4	12	2983	5422	5444
≥.14			1						1			1	1			21	SEA-4	25	3224	5115	5171
≥.13	5	1		1	1		1	1		1	1	1	1		1	37	SEA-1	52	3344	4992	5119
≥.12	9	5	1	3	4	1	3	1	1	2	6	1	2	4	1	57	1386-1	101	3537	4587	4874
≥.11	16	18	13	11	7	7	5	6	7	4	3	3	8	10	3	77	816-1	198	3426	4141	4796
≥.10	25	27	38	22	10	22	16	9	11	15	5	9	9	7	7	66	270-1	298	2996	3221	4609
≥.08	76	63	57	31	20	11	18	4	9	9	7	4	3	2	4	8	162-1	326	1407	1442	4566
≥.06	93	55	38	17	9	10	6	3	4	2	3			1			84-1	241	659	671	4551
≥.05	80	59	23	8	8	6	1	3	3								54-3	191	433	440	4546
≥.04	66	40	7	10	5	3	1	3									48-3	135	281	285	4546
≥.03	57	13	6	4	1	1	2										42-2	86	150	150	4545
≥.02	27	7	3	1	1		1										42-1	40	66	66	4545
≥.01	2	2	1														18-[illegible]	5	9	9	4545

HOURS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-4	8	2291	5282	5289
≥.14		2														14	SEA-2	16	3039	5500	5518
≥.13	1	1	1						1							33	1932-2	37	3427	5058	5123
≥.12	6	3	4	1	2	1	3	2		3	2	2	1	1	2	63	1242-1	96	3125	4543	4768
≥.11	26	13	6	7	11	5	8	3	5	5	5	2	5	4	5	78	600-1	188	3464	4051	4663
≥.10	32	31	34	21	16	14	11	8	17	10	9	8	9	8	6	70	330-1	304	2999	3285	4575
≥.08	[illegible]	75	42	37	28	18	17	9	7	5	6	7	5	5	5	7	168-1	359	1558	1625	4555
≥.06	101	53	30	27	14	11	2	3	1	3	2	2		3		1	126-1	262	753	769	4550
≥.05	128	48	23	16	9	4	3		3	1	1					1	120-1	229	507	515	4549
≥.04	97	40	16	16	3	2	2		1		1						66-1	178	350	353	4545
≥.03	74	20	9	8	1	3			1								54-1	116	205	206	4545
≥.02	33	11	3	4	1	1											36-1	53	91	91	4545
≥.01	6	3		1													24-1	10	16	16	4545

HOURS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4565	4565
≥.14																5	SEA-5	5	1840	4565	4565
≥.13																6	SEA-6	6	2208	4811	4812
≥.12																8	SEA-6	8	2293	4852	4857
≥.11			1													17	SEA-2	18	2723	5066	5096
≥.10	7	2	2			1		1		1	1		2	2	1	40	1410-1	60	3614	4924	5051
≥.08	54	25	24	19	20	23	11	16	10	12	13	18	13	6	6	52	366-1	322	3077	3286	4592
≥.06	63	44	64	32	34	27	27	10	8	11	4	7	4	1	4	6	246-1	346	1658	1706	4551
≥.05	86	87	49	32	25	16	11	6	5	5	1	2	4	2	2	4	156-1	337	1204	1240	4549
≥.04	95	94	50	28	22	11	6	3	3	3	2		1	1		2	156-1	322	944	954	4546
≥.03	108	81	38	30	21	5	3	2	4	2		1				2	156-1	297	791	800	4546
≥.02	108	71	42	18	10	5	3	3	1	2					1		90-1	265	618	625	4545
≥.01	96	52	35	17	8	4	2	4	1	1					1		90-1	221	517	524	4545

HOURS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																7	SEA-4	7	2349	4895	4900
≥.14	1		1						1							18	SEA-3	21	3110	5579	5608
≥.13	2	4		1	1		2	2	1	1						28	SEA-1	42	3360	5432	5519
≥.12	3	3	3	3	1	3	4	1	2	1	1	3	1		4	54	1044-1	87	3525	4681	5083
≥.11	28	10	6	3	4	6	6	5	8	10	2	9	6	4	4	69	1044-1	176	3448	4325	4921
≥.10	38	36	17	29	12	17	9	16	13	11	11	12	8	6	6	53	504-1	295	2922	3279	4614
≥.08	72	52	44	38	25	17	11	11	10	4	5	3	3	1	1	15	150-2	308	1408	1467	4554
≥.06	75	68	38	25	12	11	2	5	3	1		2		1	1	1	120-1	246	742	750	4551
≥.05	88	63	26	14	9	3	5	1	1	1			1				78-1	214	476	479	4546
≥.04	108	38	16	10	5	4	1		1								54-1	175	329	329	4546
≥.03	92	27	10	5	4	1											36-1	109	192	192	4546
≥.02	21	14	5	1	1												30-1	42	73	73	4545
≥.01	3	4															12-4	7	11	11	4545

HOURS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-4	6	1840	4566	4567
≥.14	1															11	SEA-3	12	[illegible]	[illegible]	[illegible]
≥.13	1	2								2			1			25	2040-1	31	[illegible]	5024	[illegible]
≥.12	4	1		2	3			2	2	2	3	2	2	3		[illegible]	1464-1	62	[illegible]	[illegible]	[illegible]
≥.11	15	4	10	8	8	5	6	5	4	3	4	3	7	8	1	66	1290-1	157	[illegible]	[illegible]	[illegible]
≥.10	62	28	21	32	11	15	15	7	12	9	7	8	9	2	3	[illegible]	[illegible]	274	3119	[illegible]	[illegible]
≥.08	72	[illegible]	[illegible]	31	16	16	9	7	5	7	4	6	3	2	3	18	204-1	273	[illegible]	[illegible]	[illegible]
≥.06	65	37	28	24	17	11	6	5	2	4		4	1				78-1	208	671	705	[illegible]
≥.05	70	34	29	16	11	9	1	2	1	1	1						66-1	175	451	476	[illegible]
≥.04	49	39	16	15	6	1	1	1	1	1	1						66-1	129	310	323	[illegible]
≥.03	46	28	8	6	1	2			1								54-1	90	172	[illegible]	[illegible]
≥.02	22	14	4				1										42-1	41	[illegible]	[illegible]	[illegible]
≥.01	6	1	1			1											36-1	7	15	15	4545

HOURS INTERVAL BETWEEN EVENTS

2 59.4N 172.0W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	2201	4927	4929
≥.14																6	SEA-4	6	1920	4646	4649
≥.13																16	SEA-2	17	2852	4839	5338
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	[illegible]	34	2952	4812	4908
≥.11	10	2	4	5	3	1	2	7	4	3	1	3	2	1	3	62	[illegible]	113	3235	4312	4672
≥.10	12	21	6	10	10	13	9	7	6	1	9	6	6	7	3	71	912-1	197	3165	3818	4748
≥.08	34	24	36	34	16	25	19	13	9	10	1	5	6	7	1	24	192-1	264	1755	1933	4601
≥.06	46	64	35	31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	156-1	234	879	918	4545
≥.05	83	57	23	15	12	8	4	4	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	126-1	216	622	645	4545
≥.04	64	44	20	20	9	4	2	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	170	440	452	4545
≥.03	67	28	16	7	8	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		72-1	140	330	338	4545
≥.02	45	18	7	3	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		72-1	85	184	188	4545
≥.01	15	5	5	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		72-1	30	73	73	4545

HOURS INTERVAL BETWEEN EVENTS

3 58.5N 151.8W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	2186	4912	4914
≥.14																6	SEA-5	6	[illegible]	4911	4914
≥.13																8	SEA-2	[illegible]	[illegible]	[illegible]	[illegible]
≥.12	2	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	SEA-1	[illegible]	[illegible]	[illegible]	5041
≥.11	6	1	1	3	2	2	3	1	1	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51	1392-1	77	[illegible]	4798	5007
≥.10	14	7	7	8	3	9	2	4	5	1	2	4	2	3	5	72	990-1	148	3392	4046	4671
≥.08	64	28	40	35	28	27	18	15	16	9	7	6	8	10	3	29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	75	50	49	29	21	14	18	10	3	4	3	3	5	2	3	[illegible]	144-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	90	65	36	26	14	14	8	10	4	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		98-1	[illegible]	[illegible]	909	4550
≥.04	81	62	32	20	10	15	6	5	2	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		90-1	238	683	701	4550
≥.03	86	57	33	11	8	5	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		84-1	210	501	514	4546
≥.02	84	38	14	12	4	4	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		78-1	160	330	34[illegible]	4545
≥.01	49	20	10	4	1	2	1										72-1	88	171	178	4545

HOURS INTERVAL BETWEEN EVENTS

5 56.8N 141.9W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																[illegible]	SEA-4	[illegible]	2165	4890	4893
≥.13																18	SEA-3	22	[illegible]	5810	5840
≥.12	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	SEA-1	55	3563	5349	5479
≥.11	10	4	9	6	5	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	60	1398-1	120	3742	4534	4983
≥.10	26	13	13	10	7	8	5	5	5	8	4	8	8	3	3	67	762-1	190	3276	3728	4723
≥.08	40	36	38	23	14	17	18	9	16	4	9	4	5	2	1	30	324-1	269	1880	2012	4605
≥.06	75	49	28	27	13	13	15	11	8	6	1	1	3	1	1	6	138-1	258	1037	1093	4551
≥.05	72	38	32	23	10	17	7	6	7	1	2	3			1	1	96-1	220	747	788	4545
≥.04	64	39	32	18	12	8	3	3	3	3					1		90-1	186	535	554	4545
≥.03	57	29	17	16	9	2	3	2	1	1			1				78-1	138	356	367	4545
≥.02	44	18	14	3	1		1		2								54-2	83	164	171	4545
≥.01	14	4	1	1			1										42-1	21	36	36	4545

HOURS INTERVAL BETWEEN EVENTS

6 54.9N 167.1W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																[illegible]	SEA-4	[illegible]	[illegible]	[illegible]	[illegible]
≥.13	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	SEA-4	19	3044	5533	5559
≥.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	1464-1	39	3196	4903	4996
≥.11	9	5	5	1	1	4	2	1	4	1	[illegible]	2	2	[illegible]	[illegible]	58	972-1	95	3208	4440	4729
≥.10	26	13	11	9	7	8	9	10	12	8	9	7	4	6	3	74	446-1	214	3209	3717	[illegible]
≥.08	58	21	45	30	7	19	18	10	8	1	7	6	1	4	1	15	282-1	267	[illegible]	[illegible]	[illegible]
≥.06	91	51	46	19	14	8	4	5	6	2	2	1	1	2	1	4	150-1	257	834	891	4548
≥.05	100	53	36	17	3	7	3	3	2	1		2	1	1		1	102-1	230	580	610	4546
≥.04	80	46	25	9	6	2	3		1		1	2	1				78-1	176	403	423	4546
≥.03	78	22	17	6	3	2			1		1	2					72-2	132	258	281	4545
≥.07	19	13	1	2	1	2	1		1								54-1	61	113	125	4545
≥.01	5	4	1		2	1											36-1	13	32	41	4545

HOURS INTERVAL BETWEEN EVENTS

8 52.0N 172.9E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15												2				10	SEA-5	13	2576	5291	5306
≥.14											1					14	SEA-3	17	2720	5062	5099
≥.13									1		1					27	SEA-1	30	3088	4752	4831
≥.12	8	4	1	1	2	2	4	1	2		1	1	2		1	59	SEA-1	89	3499	4557	4778
≥.11	17	10	10	9	6	5	4	7	8	7	6	1	4	6	2	77	1530-1	179	3611	4250	4820
≥.10	26	20	25	26	12	14	10	13	12	7	4	4	5	9	5	73	390-1	265	3090	3414	4623
≥.08	73	58	44	36	19	23	12	16	15	5	6	4	7	4	5	9	150-1	336	1604	1645	4564
≥.06	93	55	36	25	26	6	6	3	2	7	3			1		3	108-1	266	828	842	4557
≥.05	104	51	33	11	15	2	5	1	4		1				2		90-2	229	556	564	4552
≥.04	89	40	17	13	10	1	3	2	2								54-2	177	383	387	4545
≥.03	62	26	13	9	3	1	4	1									48-1	119	246	250	4545
≥.02	33	18	4	6		1											36-1	62	111	114	4545
≥.01	1	1	2														18-2	10	15	15	4545

HOURS INTERVAL BETWEEN EVENTS

9 51.7N 158.8E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																7	SEA-5	7	2425	5441	5446
≥.14																10	SEA-4	10	2613	5263	5273
≥.13	1	1														18	SEA-3	20	3103	5422	5448
≥.12	3	2			1	1	1		2	2				1		36	SEA-1	49	3209	4938	5037
≥.11	6	5	2	3	5		2	2			1	1	1	2	2	63	1198-1	95	3481	4509	4782
≥.10	22	12	13	10	12	5	2	7	4	5	5	3	5	4	2	75	828-1	186	3344	3992	4688
≥.08	56	40	45	31	17	11	15	14	10	12	6	11	7	4	1	34	330-1	314	2120	2257	4607
≥.06	66	62	31	19	19	17	12	7	7	5	2	2	3		3	4	144-1	259	1012	1041	4561
≥.05	97	41	37	14	17	8	7	6	1	3	3	1		1	2	1	138-1	239	727	735	4555
≥.04	86	40	31	13	14	4	2	4	2	2	1			2			84-2	201	528	531	4549
≥.03	74	31	22	8	7	1	2	5		1		1		1			84-1	153	365	368	4548
≥.02	49	20	12	8	5		1	1			1						66-1	97	208	209	4547
≥.01	19	10	5	1	1		1		1								54-1	38	79	79	4545

HOURS INTERVAL BETWEEN EVENTS

11 51.3N 158.8W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																8	SEA-5	8	2380	4921	4925
≥.14																14	SEA-3	16	3035	5470	5490
≥.13							1					1				21	SEA-1	23	2363	4784	4826
≥.12	1	2	2	4	2	1	3			1		1	1	1	2	38	SEA-1	59	3238	4755	4896
≥.11	14	9	6	6	7	6	1	4	4	4	1	1	6	3	1	77	1284-1	150	3582	4423	4856
≥.10	37	29	26	33	17	21	16	13	9	9	8	4	4	6	1	63	420-1	296	3096	3461	4679
≥.08	75	63	37	28	18	11	13	8	5	8	1	6	3	1	2	12	282-1	291	1321	1387	4587
≥.06	81	41	28	20	11	7	6	7	3		1		1	1		3	138-2	210	651	660	4550
≥.05	86	34	25	16	5	8	5			1	1		1	2			84-2	184	463	467	4549
≥.04	83	30	17	10	4	5	1		2		1						66-1	153	320	324	4549
≥.03	54	20	4	9	4	3	1		1								54-1	96	196	196	4545
≥.02	24	9	5	6	3												30-3	47	96	96	4545
≥.01	6	1	2	2	1												30-1	12	27	27	4545

HOURS INTERVAL BETWEEN EVENTS

12 50.9N 145.6W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	1883	4563	4566
≥.14	1															11	SEA-5	12	2604	5134	5147
≥.13	3	2	2	1		1	1	1				1				22	SEA-1	34	2974	5488	5553
≥.12	5		5		3	1	4	1	3	3	2	3			2	47	1770-1	79	3478	4827	5029
≥.11	19	16	12	8	5	4	5	5	9	3	7	4	4	2	2	72	822-1	177	3518	4243	4865
≥.10	42	40	36	28	16	13	11	6	6	3	8	5	11	6	5	54	732-1	290	2806	3078	4593
≥.08	56	51	30	18	12	12	11	8	3	2	6	3	2	4	1	13	282-1	232	1125	1190	4549
≥.06	61	29	25	13	7	10	7	4	5	2		2		1		1	102-1	167	542	563	4549
≥.05	63	25	16	14	5	5	6	3				2				1	96-1	140	378	383	4545
≥.04	51	17	14	10	5	5	2					1		1			84-1	106	262	267	4545
≥.03	39	16	7	8	2	1								1			84-1	74	154	156	4545
≥.02	28	6	3	2	1	1											36-1	41	68	69	4545
≥.01	6	4															12-4	10	14	14	4545

HOURS INTERVAL BETWEEN EVENTS

14 49.3N 174.1E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15												1				11	SEA-4	12	2983	5422	5444
≥.14			1						1			1	1			21	SEA-4	25	3224	5115	5171
≥.13	5	1		1	1		1	1		1	1	1	1		1	37	SEA-1	52	3344	4992	5119
≥.12	9	5	1	3	4	1	3	1	1	2	6	1	2	4	1	57	1386-1	101	3537	4587	4874
≥.11	16	18	13	11	7	7	5	6	7	4	3	3	8	10	3	77	816-1	198	3426	4141	4796
≥.10	25	27	38	22	10	22	16	9	11	15	5	9	9	7	7	66	270-1	298	2996	3221	4609
≥.08	76	63	57	31	20	11	18	4	9	9	7	4	3	2	4	8	162-1	326	1407	1442	4566
≥.06	93	55	38	17	9	10	6	3	4	2	3			1			84-1	241	659	671	4551
≥.05	80	59	23	8	8	6	1	3	3								54-3	191	433	440	4546
≥.04	66	40	7	10	5	3	1	3									48-3	135	281	285	4546
≥.03	57	13	6	6	1	1	2										42-2	86	150	150	4545
≥.02	27	7	3	1	1		1										42-1	40	66	66	4545
≥.01	2	2	1														18-1	5	9	9	4545

HOURS INTERVAL BETWEEN EVENTS

15 49.0N 128.4W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																8	SEA-6	8	2530	5117	5121
≥.13		2						1			1					17	SEA-3	21	2751	5370	5400
≥.12	4	1			3	1	1				3	2		1	1	36	1482-1	53	3228	5319	5429
≥.11	12	4	5	5	2	3	3	7	4	1	1	4	2	2	2	50	1008-1	107	3328	4561	4928
≥.10	16	14	10	12	11	8	7	6	8	3	8	2	4	4	3	66	708-1	182	3273	3844	4719
≥.08	52	42	31	16	23	19	14	9	10	3	2	5	4	5	4	37	276-1	276	2024	2162	4574
≥.06	61	43	35	31	27	17	10	4	3	5	4	4	6		3	9	234-1	262	1202	1274	4556
≥.05	71	45	39	27	19	8	4	8	5	7	1	3				4	126-1	241	861	905	4551
≥.04	67	41	34	25	7	7	10	4	5	3	2					2	114-1	207	663	692	4550
≥.03	66	38	27	11	5	5	5	2	3	2	1				1	1	108-1	167	464	487	4545
≥.02	42	23	18	6	6	2	1	3	1				1			1	108-1	104	279	295	4545
≥.01	16	16	1	4	1	1	1	1	1								54-1	42	102	116	4545

HOURS INTERVAL BETWEEN EVENTS

17 45.8N 139.3E

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4565	4565
≥.14																5	SEA-5	5	1840	4565	4565
≥.13																6	SEA-6	6	2208	4811	4812
≥.12																8	SEA-6	8	2293	4852	4857
≥.11			1													17	SEA-2	18	2723	5066	5096
≥.10	7	2	2			1		1		1	1		2	2	1	40	1410-1	60	3614	4924	5053
≥.08	54	25	24	19	20	23	11	16	10	12	13	18	13	6	6	52	366-1	322	3077	3266	4592
≥.06	63	44	64	32	34	27	27	10	8	11	4	7	4	1	4	6	246-1	346	1658	1706	4551
≥.05	86	87	49	32	25	16	11	6	5	5	1	2	4	2	2	4	156-1	337	1204	1240	4549
≥.04	95	94	50	29	22	11	6	3	3	3	2		1	1		2	156-1	322	944	954	4546
≥.03	[illegible]	81	38	30	21	5	3	2	4	2		1				2	156-1	297	791	800	4546
≥.02	[illegible]	71	42	18	10	5	3	3	1	2					1		90-1	265	618	625	4545
≥.01	96	52	35	17	8	4	2	4	1	1					1		90-1	221	517	524	4545

HOURS INTERVAL BETWEEN EVENTS

18 45.6N 144.2W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	1951	4646	4649
≥.14	1				1											10	SEA-5	12	2549	5096	5107
≥.13		1									1					22	SEA-3	24	3156	5416	5463
≥.12	1	1	2				3	1	4	2	2		3		2	44	SEA-1	65	3611	5082	5239
≥.11	11	11	10	6	6	6	7	6	4	3	3	6	4	8	1	67	1152-1	159	3672	4430	[illegible]
≥.10	30	21	23	16	22	17	13	14	10	7	11	5	5	3	6	55	648-1	258	3045	3410	4751
≥.08	53	33	23	20	23	12	11	9	6	6	3	5	4	1	2	16	384-1	225	1286	[illegible]	4553
≥.06	60	45	20	21	9	7	3	5	6		4	6		1	1		90-1	[illegible]	643	666	4545
≥.05	62	32	19	12	8	2	7	3	2	3	1		1				78-1	152	428	443	4545
≥.04	49	24	16	9	5	5	7	1	1	1	1						66-1	119	323	324	4549
≥.03	43	15	13	6	7	4	1		1	1							60-1	91	221	222	4549
≥.02	21	5	8	7	2		1										42-1	44	100	100	[illegible]
≥.01	12	3					1										42-1	16	25	25	[illegible]

HOURS INTERVAL BETWEEN EVENTS

20 44.2N 152.7W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-4	6	1840	4566	4567
≥.14	1															11	SEA-3	12	2403	4932	4941
≥.13	1	2								2			1			25	2040-1	31	2899	5024	5082
≥.12	4	1		2	3			2	2	2	3	2	2	3		36	1464-1	62	3048	4826	4992
≥.11	15	4	10	8	8	5	6	5	4	3	4	3	7	8	1	66	1290-1	157	3823	4417	4936
≥.10	42	28	21	32	11	15	15	7	12	9	7	8	9	2	3	52	648-1	273	3119	3420	4702
≥.08	72	36	38	11	16	16	9	7	5	7	4	6	3	2	3	18	204-1	273	1390	1475	4600
≥.06	65	37	28	24	17	11	6	5	2	4		4	1				78-1	204	671	705	4551
≥.05	70	34	29	16	11	9	1	2	1	1	1						66-1	175	451	476	4549
≥.04	49	39	14	15	6	1	1	1	1	1	1						66-1	129	310	329	4549
≥.03	46	26	8	6	1	2			1								54-1	90	172	187	4546
≥.02	22	14	4				1										42-1	41	69	78	4546
≥.01	4	1	1			1											36-1	7	15	15	4545

HOURS INTERVAL BETWEEN EVENTS

21 43.7N 128.7W

WAVE SLOPE	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	[illegible]
≥.14												1				7	SEA-5	8	[illegible]	4920	[illegible]
≥.13				1				1		1	1					17	SEA-1	21	[illegible]	[illegible]	[illegible]
≥.12	2		1	1		4		1		1		1	1	2	2	25	1704-1	41	[illegible]	[illegible]	[illegible]
≥.11	7	5	4	5	1	3	1	2	3	3		3	5	1	2	50	1092-2	95	[illegible]	[illegible]	[illegible]
≥.10	16	12	8	7	5	6	5	7	9	4	5		5	4	1	65	654-1	159	[illegible]	[illegible]	[illegible]
≥.08	[illegible]	27	33	24	14	16	14	4	7	7	6	5	7	4	6	40	[illegible]	245	[illegible]	[illegible]	[illegible]
≥.06	[illegible]	40	35	25	10	16	11	11	9	9	6	2	6	6	4	12	[illegible]	270	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	53	29	19	16	18	12	5	8	5	6	1	3	3		6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	47	29	17	13	15	9	7	1	3	5				1	3	114-2	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	67	30	14	25	12	7	7	3	4					1		1	114-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	44	23	17	11	13	2	2	3	1				1				78-1	117	[illegible]	[illegible]	[illegible]
≥.01	22	10	2	3	2			1									48-1	46	[illegible]	[illegible]	4545

HOURS INTERVAL BETWEEN EVENTS

2

22 — 42.8N 167.5W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																11	SEA-4	11	2464	5014	5024
≥.13	1	1			1			2		1		1		1		18	SEA-2	26	2685	4999	5041
≥.12	2	3	2			2	2	4		1	1	1	1		1	34	SEA-1	54	3247	5027	5161
≥.11	12	6	5	6	8	4	9	5	5	2	3	2	1	3	1	54	1386-1	126	3447	4340	4748
≥.10	36	21	13	12	16	6	5	11	12	10	4	6	3	6	8	66	978-1	235	3023	3491	4593
≥.08	59	51	40	30	25	14	13	9	5	11	1	4	4	5	2	19	174-2	292	1535	1614	4553
≥.06	67	49	28	26	19	10	9	6	1	2	1	2		1		3	114-1	224	749	814	4546
≥.05	70	53	26	22	12	7	1	2	1	2		1			1		90-1	198	523	576	4546
≥.04	67	40	20	20	5	4	1	2						1			84-1	160	373	411	4545
≥.03	56	30	10	4	4	3	1	1	1	1							60-1	111	234	239	4545
≥.02	29	13	4	2	1	1			1	1							60-1	52	105	110	4545
≥.01	4	3	2		1	1											36-1	11	27	28	4545

HOURS INTERVAL BETWEEN EVENTS

23 — 42.4N 172.1E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-5	9	2875	5414	5421
≥.14															1	17	SEA-3	18	3367	5915	5937
≥.13		1	1	1		1		1	1				1	1		20	SEA-2	28	3606	5674	5728
≥.12	5	4		4	2	2		1	1		3	2	2			55	SEA-1	81	3761	5110	5275
≥.11	14	12	3	9	3	5	4	10	1	4	4	3	6	6	7	65	1434-1	156	3482	4291	4783
≥.10	34	34	25	17	12	14	9	12	9	11	10	8	5	9	10	62	486-1	281	3245	3538	4692
≥.08	71	59	54	35	20	12	17	13	9	5	7	5	3	4	2	13	162-1	329	1550	1620	4549
≥.06	94	73	46	23	19	11	4	4	2	9	1		1		1	1	96-1	289	854	900	4546
≥.05	116	57	26	16	8	4	6	7	2					2			84-2	244	580	588	4545
≥.04	93	41	16	10	6	3	7	3						1			84-1	180	398	402	4545
≥.03	71	22	8	8	4	3	4	3									48-3	123	261	261	4545
≥.02	37	9	8	1		1	1	3									48-3	60	120	120	4545
≥.01	7	1	1		1		1										42-1	11	24	24	4545

HOURS INTERVAL BETWEEN EVENTS

Wave slope α	6	12
≥.15		
≥.14		
≥.13		
≥.12	2	1
≥.11	4	2
≥.10	11	17
≥.08	34	29
≥.06	57	22
≥.05	63	31
≥.04	69	36
≥.03	55	39
≥.02	47	32
≥.01	29	13

25 — 40.2N 131.2E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4565	4565
≥.14																5	SEA-5	5	1840	4565	4565
≥.13																5	SEA-5	5	1840	4565	4565
≥.12			1													5	SEA-5	6	1843	4779	4781
≥.11	3															9	SEA-6	12	3056	5487	5504
≥.10	7							1		1					1	26	SEA-1	36	3104	4814	4887
≥.08	35	9	7	4	7	6	8	4	6	7	12	3	7	9	8	78	906-1	212	3392	3847	4587
≥.06	51	32	33	23	14	20	23	28	13	6	11	10	7	5	7	45	282-1	328	2552	2729	4551
≥.05	79	52	31	26	33	27	29	11	5	5	7	10	6	6	4	27	270-1	358	2089	2196	4548
≥.04	100	60	46	43	35	31	15	7	8	9	5	6	2	3	2	17	162-1	389	1767	1846	4544
≥.03	111	67	59	34	38	18	9	6	7	7	4	9	1	3	1	12	156-1	386	1550	1615	4544
≥.02	123	69	54	31	28	9	10	7	3	10	3	3	1	1	2	8	156-1	362	1271	1307	4544
≥.01	91	60	43	28	16	7	7	5	7	4	2	3	1	1	3	6	144-1	284	1008	1040	4544

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																8	SEA-5	8	2387	4923	4927
≥.12	1													1		24	SEA-2	26	3318	5026	5065
≥.11	2	4						1	1	1	1	2	2	2		45	1554-1	61	3664	4728	4865
≥.10	17	4	4	5	11	3	7	3	5	1	3	7	7	4	4	84	666-1	169	3585	4178	4677
≥.08	56	40	35	38	36	20	27	16	15	15	9	13	4	5	6	30	234-1	365	2431	2647	4572
≥.06	106	81	60	42	35	22	15	8	9	3	3	3	2	2	2	8	168-1	401	1504	1568	4558
≥.05	123	78	49	35	22	17	8	6	2	5	2	3	1		2	3	162-1	356	1110	1140	4545
≥.04	151	73	44	23	19	10	4	5	2		1			1		1	114-1	334	806	820	4545
≥.03	114	64	31	17	10	4	5	2	1	1	1						66-1	250	558	567	4545
≥.02	78	42	18	8	4	4	2										42-2	156	306	310	4545
≥.01	22	6	4	6	1	1											36-1	40	81	81	4545

HOURS INTERVAL BETWEEN EVENTS

Wave slope α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11	2	
≥.10	6	2
≥.08	26	23
≥.06	58	31
≥.05	53	30
≥.04	65	39
≥.03	67	35
≥.02	61	31
≥.01	30	20

28 — 36.1N 123.8W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																6	SEA-5	6	2017	4563	4566
≥.11	1										1					10	SEA-4	12	2719	5170	5187
≥.10	4	1	1	1	3	2			3			1	1			30	SEA-1	47	3178	5064	5184
≥.08	29	15	13	8	17	9	12	8	5	5	5	7	2	2	4	71	630-1	212	3220	3646	4636
≥.06	58	45	33	15	12	17	19	14	8	9	4	10	4	3	2	45	318-1	298	2195	2439	4585
≥.05	83	66	36	19	24	26	11	15	7	9	2	9	3	3	6	24	198-1	343	1815	1918	4557
≥.04	100	63	41	26	21	21	16	13	10	8	6	5	4	3	2	8	132-1	347	1464	1507	4545
≥.03	100	60	38	32	15	12	16	4	6	4	8	2	2	3		8	114-1	310	1163	1189	4545
≥.02	87	47	20	22	14	13	9	7	5	4	3		2	2	1	2	96-2	238	815	829	4545
≥.01	50	34	19	13	8	7	2	5	2	3		1	1	1		1	96-1	147	466	470	4545

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																6	SEA-5	6	2095	4821	4823
≥.13									1							8	SEA-6	9	2679	5156	5163
≥.12								1								13	SEA-5	14	2654	5152	5182
≥.11		3		1		1	1	1		1	2	2				33	1638-1	45	3012	4914	5012
≥.10	23	15	6	8	1	5	5	2	5		5	1	1		1	64	1188-1	142	3464	4356	4784
≥.08	55	37	32	25	22	24	15	13	10	8	8	6		6	2	45	396-1	308	2416	2593	4582
≥.06	68	53	44	32	23	20	18	9	4	9	6	4	2	3	2	9	186-1	306	1402	1447	4554
≥.05	87	63	37	33	22	21	5	8	7	3	2	3	1	1	1	2	156-1	296	1028	1040	4547
≥.04	102	52	44	28	17	9	7	4	3	2	1					1	96-1	270	744	749	4546
≥.03	85	51	31	16	9	7	3	1		1				1			84-1	205	484	485	4545
≥.02	54	42	14	7	4	1	2										42-2	124	248	249	4545
≥.01	23	8	1	2		1											36-1	35	56	56	4545

HOURS INTERVAL BETWEEN EVENTS

Wave slope α	6	12
≥.15		
≥.14		
≥.13		
≥.12	1	
≥.11	6	1
≥.10	5	7
≥.08	39	34
≥.06	74	67
≥.05	116	87
≥.04	128	75
≥.03	110	60
≥.02	74	22
≥.01	23	12

31 — 35.6N 155.2W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4565	4565
≥.14																5	SEA-5	5	1840	4565	4565
≥.13																9	SEA-5	9	2709	5375	5379
≥.12			1			1	1	1			1					17	SEA-1	22	2258	4865	4916
≥.11	6	3	1	1	2	2	2		3				1	2		31	1884-1	54	2680	4830	4982
≥.10	19	15	3	5	6	6	3	2	2	4	3	2	1	3	1	56	1020-1	131	3227	4321	4799
≥.08	40	28	22	17	20	17	11	4	8	4	8	8	2	5	5	50	336-2	249	2460	2664	4604
≥.06	55	49	34	30	26	18	11	8	4	10	5	8	1	2	4	15	246-1	280	1485	1571	4554
≥.05	87	40	54	36	16	14	11	4	4	5	1	4	4	3	1	4	246-1	288	1114	1166	4549
≥.04	99	46	39	23	9	16	8	2	2	4	2	4	3	2		1	132-1	260	830	859	4544
≥.03	81	39	29	18	10	9	5	1	2	2	1	3	2				78-2	202	576	598	4544
≥.02	57	26	17	11	5	7	4	1	1	1			1				78-1	131	339	359	4544
≥.01	24	7	5	1	2	1	1				1						66-1	42	91	103	4544

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																6	SEA-5	6	2152	4878	4879
≥.13																6	SEA-4	6	1894	4620	4622
≥.12		1						1	1				1			11	SEA-3	15	2336	4880	4895
≥.11	1		2	1	1		2				2	1				18	1926-1	28	2854	5193	5260
≥.10	14	4	4	3	2	5	4	2	2	1	1	1	1		1	46	1020-1	91	3385	4749	5033
≥.08	51	26	16	13	9	21	8	7	4	4	5	6	8	1	4	59	540-1	242	2808	3185	4745
≥.06	50	31	31	30	24	9	15	10	9	10	3	8	1	1	2	30	288-1	264	1776	1857	4579
≥.05	60	35	31	28	21	8	8	7	11	9	4	2	2	3	2	20	210-1	251	1372	1438	4565
≥.04	74	50	27	29	22	12	16	9	5	2	4	4	1			8	204-1	263	1057	1108	4564
≥.03	78	43	34	18	17	12	9	1	4	4	3	4			1	2	114-1	230	774	803	4551
≥.02	68	47	21	15	16	4	2	2	2	1	3					1	96-1	182	496	515	4551
≥.01	41	24	12	8	4	2	2	1	1	1							60-1	96	230	232	4545

HOURS INTERVAL BETWEEN EVENTS

Wave slope α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11		2
≥.10	4	1
≥.08	33	21
≥.06	64	53
≥.05	95	58
≥.04	126	85
≥.03	131	82
≥.02	128	63
≥.01	63	27

34 — 34.2N 155.1E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4701	4702
≥.12																6	SEA-6	6	2208	4995	5001
≥.11																12	SEA-4	12	2634	5136	5155
≥.10	5	1			2	3	3		2		1	1	1	1	2	41	1350-1	63	3319	4650	4794
≥.08	40	25	22	12	10	15	11	19	11	17	12	11	3	8	4	63	462-1	263	3019	3311	4615
≥.06	63	58	56	46	27	30	18	13	18	9	7	4	4	2	4	21	150-2	380	1985	2107	4551
≥.05	117	72	51	38	30	17	16	12	8	3	6	3	6	5	2	4	138-1	390	1482	1578	4548
≥.04	125	84	49	49	27	17	9	5	3	2	2	4	1	2	1		90-1	380	1149	1194	4545
≥.03	137	72	41	23	19	10	3	3	3	1	3	2	1				78-1	318	803	834	4545
≥.02	97	51	30	12	8	3	6	2	3		1						66-1	213	491	500	4545
≥.01	35	21	6	8	2	3		1	1								54-1	77	172	173	4545

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4700	4702
≥.13																5	SEA-5	5	1840	4789	4794
≥.12																5	SEA-5	5	1840	4787	4794
≥.11	1															15	SEA-4	16	2856	5092	5126
≥.10	9		3	4	5	2	1	2	2	2	2	2		1		47	1476-1	82	3416	4540	4729
≥.08	47	30	32	25	13	19	15	7	14	3	18	7	5	3	5	58	510-1	301	2754	3069	4572
≥.06	81	59	52	39	29	22	22	13	13	11	8	3	3	1	2	14	138-2	372	1753	1831	4560
≥.05	127	70	52	30	24	15	9	8	11	5	1	4	3	2	1	5	132-1	367	1286	1323	4550
≥.04	119	80	43	26	21	12	9	5	4	2		2	2	2			84-2	327	926	965	4547
≥.03	111	60	33	26	11	6	5	4		2		1	1				78-1	260	637	661	4546
≥.02	84	32	27	13	5	4	2	1				1					72-1	169	364	375	4545
≥.01	28	14	7	6	2	1											36-1	58	117	124	4545

HOURS INTERVAL BETWEEN EVENTS

Wave slope α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11		
≥.10	4	
≥.08	27	6
≥.06	57	29
≥.05	64	37
≥.04	79	56
≥.03	83	58
≥.02	95	56
≥.01	75	[illegible]

37 — 32.9N 119.4W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4564	4564
≥.14																5	SEA-5	5	1840	4564	4564
≥.13																5	SEA-5	5	1840	4564	4564
≥.12																5	SEA-5	5	1840	4564	4564
≥.11																5	SEA-5	5	1840	4564	4564
≥.10																8	SEA-4	8	2149	4830	4834
≥.08	15	6	6	4	3	2	5	1		2	2	1	2		2	54	1644-1	105	3240	4612	4905
≥.06	59	23	23	11	12	12	9	9	8	8	11	3	11		1	63	528-1	263	2859	3349	4630
≥.05	71	45	29	15	18	20	16	19	7	13	8	1	5	2	8	47	414-1	324	2542	2789	4598
≥.04	122	63	45	38	22	19	22	13	10	15	8	5	6	6	5	20	210-1	426	2086	2221	4563
≥.03	168	59	66	28	23	19	13	10	16	5	6	7	5	2	1	15	204-1	439	1760	1852	4553
≥.02	168	70	64	25	22	22	10	8	7	6	4	2	1		2	8	132-1	416	1355	1414	4550
≥.01	141	68	45	24	23	12	6	5	3	4	1	2	2		3	6	120-2	345	1062	1120	4549

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																6	SEA-4	6	1870	4595	4597
≥.10		1														17	SEA-2	18	3104	5138	5170
≥.08	21	13	5	5	4	5	10	4	4	3	4	1	4	2	1	64	690-1	150	3258	4021	4693
≥.06	44	20	13	14	15	12	21	9	9	7	6	9	7	5	4	55	354-1	250	2540	2767	4605
≥.05	67	21	22	23	22	10	13	12	8	8	7	10	2	4	4	42	276-1	275	2091	2257	4572
≥.04	68	34	28	23	21	11	17	14	10	9	12	5	4	3	1	24	210-1	284	[illegible]	1817	4550
≥.03	70	45	19	20	26	16	20	10	5	8	6	4	5		4	13	138-3	271	1360	1460	4546
≥.02	84	42	34	32	19	15	11	4	5	2	3	1	4	1	2	4	138-2	263	982	1036	4545
≥.01	50	29	20	12	7	6	4	2	6	3		4	1	1			84-1	145	490	522	4545

HOURS INTERVAL BETWEEN EVENTS

Wave slope α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11		
≥.10		1
≥.08	29	11
≥.06	46	21
≥.05	75	48
≥.04	107	56
≥.03	92	59
≥.02	[illegible]	40
≥.01	47	24

40 — 29.6N 165.0W

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																6	SEA-4	6	1946	4720	4721
≥.11	1															13	SEA-2	14	2278	4852	4870
≥.10	3	4	1		3	2	2					1		1		29	1830-1	44	2815	4594	4702
≥.08	35	16	12	15	7	7	5	2	5	4	3	4	1	5	6	66	538-1	193	3072	3512	4650
≥.06	50	[illegible]	25	27	19	15	15	9	12	12	7	8	5	6	2	62	222-1	284	2145	2281	4558
≥.05	61	[illegible]	41	23	17	18	13	14	7	10	12	5	6	2	1	22	168-2	291	1707	1792	4553
≥.04	100	45	[illegible]	30	16	18	15	7	11	10	4	5	2	3	1	10	144-1	322	1370	1419	4552
≥.03	110	49	30	20	20	11	8	7	6	9		5	1	2	3	5	120-1	283	1028	1061	4551
≥.02	70	43	21	18	17	9	1	8	5	3	2	1	1		1	2	114-1	200	649	688	4545
≥.01	37	22	9	5	5	2											78-1	83	195	208	4545

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

Wave slope α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12														1		6	SEA-4	7	1869	4595	4597
≥.11	1													1		6	SEA-4	8	1870	4596	4599
≥.10	2								1					1		13	SEA-3	17	2511	5005	[illegible]
≥.08	20	5	10	2	3	1	5	5	2	2	2	2	3	4	4	67	1266-1	138	3169	4152	4738
≥.06	33	23	24	19	13	15	14	18	11	10	10	6	8	7	12	50	300-1	279	2604	2772	[illegible]
≥.05	74	45	27	19	21	21	20	14	14	14	7	10	9	5	5	25	228-1	332	2116	2252	4571
≥.04	99	48	38	29	33	24	21	13	15	9	7	7	4	3		14	222-1	364	1771	[illegible]	4553
≥.03	108	62	43	33	29	19	19	12	3	5	8	2	2		1	8	204-1	354	1374	[illegible]	4551
≥.02	107	53	41	25	21	16	7	8	5	4	2	2	1		1	2	174-1	291	955	975	4547
≥.01	59	35	23	21	10	14	2	1	2	1	2	2			1		90-1	173	527	538	4545

HOURS INTERVAL BETWEEN EVENTS

Wave slope α	6	12
≥.15		
≥.14		
≥.13		
≥.12		
≥.11		
≥.10	1	1
≥.08	23	8
≥.06	73	22
≥.05	73	38
≥.04	73	43
≥.03	[illegible]	43
≥.02	83	45
≥.01	53	32

WAVE SLOPE (α) INTERVALS (Cont'd)

23 — 42.4N 172.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																9	SEA-5	9	2875	5414	5421
≥.14															1	17	SEA-3	18	3367	5915	5937
≥.13		1	1	1		1		1	1				1	1		20	SEA-2	28	3606	5674	5728
≥.12	5	4		4	2	2		1	1		3	2	2			55	SEA-1	81	3761	5110	5275
≥.11	14	12	3	9	3	5	4	10	1	4	4	3	6	6	7	65	1434-1	156	3482	4291	4783
≥.10	34	34	25	17	12	14	9	12	9	11	10	8	5	9	10	62	486-1	281	3245	3538	4692
≥.08	71	59	54	35	20	12	17	13	9	5	7	5	3	4	2	13	162-1	329	1550	1620	4549
≥.06	94	73	46	23	19	11	4	4	2	9	1		1		1	1	96-1	289	854	900	4546
≥.05	116	57	26	16	8	4	6	7	2					2			84-2	244	580	588	4545
≥.04	93	41	16	10	6	3	7	3						1			84-1	180	398	402	4545
≥.03	71	22	8	8	4	3	4	3									48-3	123	261	261	4545
≥.02	37	9	8	1		1	1	3									48-3	60	120	120	4545
≥.01	7	1	1		1		1										42-1	11	24	24	4545

HOURS INTERVAL BETWEEN EVENTS

24 — 41.0N 134.9W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-4	6	1896	4622	4623
≥.14																7	SEA-4	7	2161	4721	4724
≥.13																10	SEA-3	10	2194	4752	4762
≥.12	2	1			1	1	2	1		1	3					21	1806-1	33	2897	5418	5485
≥.11	4	2	4	4	3	4		1		3	4	3	1	3	1	39	1506-1	76	3396	4989	5223
≥.10	11	17	14	4	7	9	10	7	6	5	3	1	4	4	3	65	786-1	170	3384	4189	4879
≥.08	34	29	24	25	18	7	14	8	5	8	7	7		2	2	42	378-1	232	2078	2401	4642
≥.06	57	27	25	18	24	9	12	15	5	6	7	4	1	2	4	19	186-1	235	1355	1421	4563
≥.05	63	31	29	22	17	13	8	12	5	5	2	3	1	2	3	8	138-1	224	1005	1060	4553
≥.04	69	36	33	13	16	10	9	9	6	1	3	4	2			2	138-1	213	777	815	4551
≥.03	55	39	24	14	13	8	9	4	4	1	2		1	1		1	126-1	176	585	606	4546
≥.02	47	32	16	11	7	7	5	2	1	1	1		1			1	114-1	132	393	395	4546
≥.01	29	13	9	4	3	3	2	1									48-1	64	153	153	4545

HOURS INTERVAL BETWEEN EVENTS

26 — 39.5N 153.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																8	SEA-5	8	2387	4923	4927
≥.12	1													1		24	SEA-2	26	3318	5026	5065
≥.11	2	4						1	1	1	1	2	2	2		45	1554-1	61	3664	4728	4865
≥.10	17	4	4	5	11	3	7	3	5	1	3	7	7	4	4	84	666-1	169	3585	4178	4677
≥.08	56	40	35	38	36	20	27	16	15	15	9	13	4	5	6	30	234-1	365	2431	2647	4572
≥.06	106	81	60	42	35	22	15	8	9	3	3	3	2	2	2	8	168-1	401	1504	1568	4558
≥.05	123	78	49	35	22	17	8	6	2	5	2	3	1		2	3	162-1	356	1110	1140	4545
≥.04	151	73	44	23	19	10	4	5	2		1			1		1	114-1	334	806	820	4545
≥.03	114	64	31	17	10	4	5	2	1	1	1						66-1	250	558	567	4545
≥.02	78	42	18	8	4	4	2										42-2	156	306	310	4545
≥.01	22	6	4	6	1	1											36-1	40	81	81	4545

HOURS INTERVAL BETWEEN EVENTS

27 — 36.2N 127.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																8	SEA-5	8	2432	4938	4945
≥.11	2		1		2											15	SEA-2	20	2756	5310	5354
≥.10	6	2	1	1	1		1		1	2	1		1		1	36	1710-1	54	3220	5037	5216
≥.08	26	23	18	13	14	13	3	7	9	6	5	4	7	5	2	64	618-1	219	2905	3418	4677
≥.06	58	31	24	19	18	15	14	13	10	6	10	7	10	5	3	28	252-2	271	1918	2058	4551
≥.05	53	30	29	20	21	10	17	10	9	5	7	6	4	7		18	240-1	246	1506	1616	4549
≥.04	65	39	25	21	15	21	11	11	6	3	7	6	4	1	1	10	204-1	246	1203	1297	4549
≥.03	67	35	30	21	14	9	10	6	6	4	6	5	2	1	1	4	192-1	221	919	994	4549
≥.02	61	31	29	14	11	4	7	6	4	5		2		2		2	144-1	178	624	673	4545
≥.01	30	20	9	10	10	2	3	2	2		2	1					72-1	91	288	317	4545

HOURS INTERVAL BETWEEN EVENTS

29 — 35.9N 171.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																6	SEA-5	6	2095	4821	4823
≥.13									1							8	SEA-6	9	2679	5156	5163
≥.12								1								13	SEA-5	14	2654	5152	5182
≥.11		3		1		1	1	1		1	2	2				33	1638-1	45	3012	4914	5012
≥.10	23	15	6	8	1	5	5	2	5		5	1	1		1	64	1188-1	142	3464	4356	4784
≥.08	55	37	32	25	22	24	15	13	10	8	8	6		6	2	45	396-1	308	2416	2593	4582
≥.06	68	53	44	32	23	20	18	9	4	9	6	4	2	3	2	9	186-1	306	1402	1447	4554
≥.05	87	63	37	33	22	21	5	8	7	3	2	3	1	1	1	2	156-1	296	1028	1040	4547
≥.04	102	52	44	28	17	9	7	4	3	2	1					1	96-1	270	744	749	4546
≥.03	85	51	31	16	9	7	3	1		1				1			84-1	205	484	485	4545
≥.02	54	42	14	7	4	1	2										42-2	124	248	249	4545
≥.01	23	8	1	2		1											36-1	35	56	56	4545

HOURS INTERVAL BETWEEN EVENTS

30 — 35.7N 176.1E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																6	SEA-4	6	1951	4677	4678
≥.13								1								8	SEA-3	9	1954	4680	4686
≥.12	1					1				1						13	SEA-4	16	2547	5012	5034
≥.11	6	1			2			1					1	1		29	SEA-1	41	3330	5151	5233
≥.10	5	7	12	5	3	5	4	4	4	3	2	5	1	6	1	65	1200-1	132	3524	4390	4797
≥.08	39	34	34	25	16	21	9	11	10	8	9	6	5	12	1	44	336-1	284	2462	2798	4566
≥.06	74	67	60	42	22	22	18	14	6	6	8	2	3	2	2	9	156-1	357	1543	1626	4552
≥.05	116	87	44	29	20	22	12	6	9	3	1	1	2		1	4	138-1	357	1154	1193	4545
≥.04	128	75	42	25	22	9	7	4	3	1		2		1		1	96-1	318	838	871	4545
≥.03	110	60	26	21	16	4	4	4	2			1					72-1	248	586	607	4545
≥.02	74	22	14	16	7	4	4			1		1					72-1	143	333	338	4545
≥.01	23	12	4	3	2	1						1					72-1	46	99	99	4545

HOURS INTERVAL BETWEEN EVENTS

32 — 35.4N 142.0W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																6	SEA-5	6	2152	4878	4879
≥.13																6	SEA-4	6	1894	4620	4622
≥.12		1						1	1				1			11	SEA-3	15	2136	4880	4895
≥.11	1		2	1	1		2				2	1				18	1926-1	28	2854	5193	5260
≥.10	14	4	4	3	2	5	4	2	2	1	1	1	1		1	46	1020-1	91	3385	4749	5033
≥.08	51	26	16	13	9	21	8	7	4	4	5	6	8	1	4	59	540-1	242	2808	3185	4745
≥.06	50	31	31	30	24	9	15	10	9	10	3	8	1	1	2	30	288-1	264	1776	1857	4579
≥.05	60	35	31	28	21	8	8	7	11	9	4	2	2	3	2	20	210-1	251	1372	1438	4565
≥.04	74	50	27	29	22	12	16	9	5	2	4	4	1			8	204-1	263	1057	1108	4564
≥.03	78	43	34	18	17	12	9	1	4	4	3	4			1	2	114-1	230	774	803	4551
≥.02	68	47	21	15	16	4	2	2	2	1	3					1	96-1	182	496	515	4551
≥.01	41	24	12	8	4	2	2	1	1	1							60-1	96	230	232	4545

HOURS INTERVAL BETWEEN EVENTS

33 — 34.6N 145.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																8	SEA-7	8	2741	5360	5364
≥.11		2													1	9	SEA-7	12	2878	5355	5370
≥.10	4	1			1	1							2	1		41	1620-1	51	3573	4813	4920
≥.08	33	21	20	19	9	6	15	13	10	14	11	8	7	6	2	71	750-1	265	3147	3573	4596
≥.06	64	53	42	30	35	24	23	19	20	11	7	9	4	4	6	25	228-2	376	2249	2370	4570
≥.05	95	58	59	38	27	31	21	23	10	6	4	3	6	7	2	6	192-1	396	1758	1849	4554
≥.04	126	85	54	43	25	40	15	4	9	5	4	2		1	1	1	108-1	415	1378	1438	4552
≥.03	131	82	58	31	33	15	11	2	3	2	1					1	102-1	370	1016	1053	4549
≥.02	128	63	42	20	15	8	5	2	1	1						1	96-1	284	667	677	4546
≥.01	63	27	24	8	3	5	1		1								54-1	132	282	286	4545

HOURS INTERVAL BETWEEN EVENTS

35 — 34.2N 163.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4700	4702
≥.13																5	SEA-5	5	1840	4789	4794
≥.12																5	SEA-5	5	1840	4787	4794
≥.11	1															15	SEA-4	16	2856	5092	5126
≥.10	9		3	4	5	2	1	2	2	2	2	2		1		47	1476-1	82	3416	4540	4729
≥.08	47	30	32	25	13	19	15	7	14	3	18	7	5	3	5	58	510-1	301	2754	3069	4572
≥.06	81	59	52	39	29	22	22	13	13	11	8	3	3	1	2	14	138-2	372	1753	1831	4560
≥.05	127	70	52	30	24	15	9	8	11	5	1	4	3	2	1	5	132-1	367	1266	1323	4550
≥.04	119	80	43	26	21	12	9	5	4	2		2	2	2			84-2	327	926	965	4547
≥.03	111	60	33	26	11	6	5	4		2		1	1				78-1	260	637	661	4546
≥.02	84	32	27	13	5	4	2	1				1					72-1	169	364	375	4545
≥.01	28	14	7	6	2	1											36-1	58	117	124	4545

HOURS INTERVAL BETWEEN EVENTS

36 — 33.7N 123.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																6	SEA-6	6	2208	4853	4854
≥.11																6	SEA-6	6	2208	5067	5071
≥.10	4						1		1							26	SEA-2	32	3613	5403	5467
≥.08	27	6	4	5	7	6	4	8	6	6	1	3	5	4	8	81	780-1	181	3294	3911	4645
≥.06	57	29	18	24	21	26	14	21	12	13	15	12	10	5	1	33	306-1	311	2275	2466	4571
≥.05	64	37	33	23	26	16	24	11	12	13	11	9	5	4	3	21	180-1	312	1864	1989	4570
≥.04	79	56	40	28	25	26	16	15	3	6	10	6	3	6	3	9	132-2	331	1547	1594	4567
≥.03	83	58	33	30	27	19	17	12	4	5	9	5	3	3	2	3	120-1	313	1294	1335	4557
≥.02	95	56	39	26	19	24	7	4	2	11	3	3		1	2	2	108-1	294	1023	1060	4555
≥.01	75	47	31	21	13	13	8	6	1	5	3	2	1	1	2	1	96-1	230	782	813	4555

HOURS INTERVAL BETWEEN EVENTS

38 — 31.5N 127.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																6	SEA-4	6	1870	4595	4597
≥.10		1														17	SEA-2	18	3104	5338	5370
≥.08	21	13	5	5	4	5	10	4	4	3	4	1	4	2	1	64	690-1	150	3258	4021	4693
≥.06	44	20	13	14	15	12	21	9	9	7	6	9	7	5	4	55	354-1	250	2540	2787	4605
≥.05	67	21	22	23	22	10	13	12	8	8	7	10	2	4	4	42	276-1	275	2091	2257	4572
≥.04	68	34	28	23	21	11	17	14	10	9	12	5	4	3	1	24	210-1	284	[illegible]	1817	4550
≥.03	70	45	19	20	26	16	20	10	5	8	6	4	5		4	13	138-3	271	1360	1460	4546
≥.02	84	42	34	32	19	15	11	4	5	2	3	1	4	1	2	4	138-2	263	982	1036	4545
≥.01	50	29	20	12	7	6	4	2	6	3		4	1	1			84-1	145	490	522	4545

HOURS INTERVAL BETWEEN EVENTS

39 — 29.9N 177.3W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12									1							7	SEA-5	8	2125	[illegible]	[illegible]
≥.11						1		1								13	SEA-5	15	[illegible]	5474	5507
≥.10		1	1	2			1					1	1			31	SEA-1	38	[illegible]	4907	5043
≥.08	29	11	11	9	10	7	13	6	9	3	6	8	5	3	3	62	612-1	195	[illegible]	[illegible]	4624
≥.06	46	31	28	30	20	16	19	10	8	13	5	8	5	4	2	39	246-1	284	[illegible]	[illegible]	[illegible]
≥.05	75	48	39	24	23	16	17	10	8	5	9	2	5	4	3	25	204-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	107	56	31	30	21	16	14	9	2	6	4	5	3	6	1	15	192-1	326	[illegible]	[illegible]	[illegible]
≥.03	92	59	33	20	16	19	5	3	9	4	6	1	2	3	3	9	150-1	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	88	40	24	17	13	6	7	2	4	4	1	2	4	2	1	1	102-1	216	697	747	[illegible]
≥.01	47	24	10	11	3	2	4	1	2	1	1	2	1				78-1	109	308	330	4545

HOURS INTERVAL BETWEEN EVENTS

41 — 29.4N 134.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12														1		6	SEA-4	7	1869	4595	4597
≥.11	1													1		6	SEA-4	8	1870	[illegible]	4599
≥.10	2								1					1		13	SEA-3	17	2511	5005	[illegible]
≥.08	20	5	10	2	3	1	5	5	2	2	3	2	3	4	4	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	39	23	24	19	13	15	14	18	11	10	10	6	8	7	12	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	74	45	27	19	21	21	20	14	14	14	7	10	9	5	5	25	228-1	332	2118	2322	4571
≥.04	99	48	30	29	33	24	21	13	15	9	7	7	4	3		14	222-1	364	1771	1852	4553
≥.03	108	62	43	33	20	19	19	12	3	5	8	2	2		1	8	204-1	354	1371	1430	4553
≥.02	107	53	43	25	21	16	7	8	5	4	2	2	1		1	2	174-1	291	955	975	4547
≥.01	59	35	23	21	10	14	2	1	2	1	2	2			1		90-1	173	527	538	4545

HOURS INTERVAL BETWEEN EVENTS

42 — 28.6N 139.2W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	[illegible]	[illegible]	[illegible]
≥.14																5	SEA-5	5	[illegible]	[illegible]	[illegible]
≥.13																5	SEA-5	5	[illegible]	[illegible]	[illegible]
≥.12																5	SEA-5	5	[illegible]	[illegible]	[illegible]
≥.11																5	SEA-5	5	[illegible]	[illegible]	[illegible]
≥.10	1	1	1													12	SEA-2	15	[illegible]	[illegible]	[illegible]
≥.08	24	8	6	5		1	4		2	3		3	3	2	1	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.06	24	22	19	11	13	9	10	16	11	4	6	5	7	5	9	55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	74	[illegible]	17	18	17	14	6	13	7	14	9	9	7	2	9	37	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.04	79	43	27	16	17	11	14	15	9	10	8	11	7	3	2	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	63	26	30	21	17	7	8	8	6	5	5	1	3	2	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	99	45	31	21	11	11	4	5	4	5	6		1	1	2	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	53	32	20	13	11	4	5	2	3	1	1	2					72-2	147	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

4

WAVE SLOPE (α) INTERVALS (Cont'd)

43 28.2N 125.9E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																6	SEA-4	6	1856	4581	4584
≥.11	3															15	SEA-4	18	3221	5581	5603
≥.10	8	2	1			3	1		1	3	1				1	39	1314-1	60	3214	4740	4954
≥.08	51	21	16	10	11	11	6	7	15	7	4	8	6	3	3	53	948-1	232	2607	3099	4630
≥.06	85	19	20	13	18	15	10	13	10	10	9	3	3	3	3	17	354-1	251	1447	1556	4568
≥.05	89	25	34	19	15	12	15	6	5	6	3	6	2		2	9	300-1	248	1121	1158	4556
≥.04	88	36	24	20	17	11	6	2	7	4	1	2	2	2	1	5	174-1	228	839	867	4556
≥.03	65	45	21	20	12	10	6	3	2	4	2	1			1	4	174-1	196	670	680	4555
≥.02	68	33	19	18	4	9	3	4	1	2				1	1	1	162-1	164	475	483	4545
≥.01	56	22	14	15	4	6	1	3						1	1	1	156-1	124	344	346	4545

HOURS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4566	4566
≥.10		1	1													13	SEA-4	15	2970	5312	5337
≥.08	16	5		3	5		6	3	3	4	4	4	2	3	2	68	948-1	128	3369	4127	4664
≥.06	58	24	22	17	15	20	15	15	16	9	8	6	5	3	4	60	300-1	297	2690	2951	4576
≥.05	71	41	40	24	27	18	13	23	14	14	4	12	7	8	5	28	246-1	349	2252	2435	4567
≥.04	102	56	54	32	33	22	21	14	14	6	5	10	7	2	5	13	150-1	396	1865	1966	4560
≥.03	117	70	47	34	29	18	18	11	8	7	4	4	3	1	2	8	144-1	381	1467	1543	4560
≥.02	112	60	41	33	14	12	9	12	1	4	5	3	2			1	96-1	309	970	1026	4550
≥.01	64	37	13	11	6	5	3	1	1	1	1						66-1	143	340	352	4545

HOURS INTERVAL BETWEEN EVENTS

46 26.1N 170.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4565	4566
≥.10	1												1			9	SEA-5	11	2663	5076	5100
≥.08	20	3	6	3	2	2	4	3	4	2	3	1		4		63	840-1	120	3286	4110	4745
≥.06	52	20	22	11	15	15	12	17	12	12	6	4	6	4	3	52	354-1	263	2517	2771	4592
≥.05	81	35	25	25	20	17	15	15	12	7	3	7	5	5	7	33	288-1	312	2093	2243	4558
≥.04	94	51	27	20	27	23	17	14	13	4	8	5	1	3	4	20	234-1	331	1747	1798	4574
≥.03	87	51	22	31	25	10	11	9	9	7	6	3	2	4	4	13	168-1	294	1384	1416	4570
≥.02	82	36	38	23	23	7	5	5	9	4	2	1	4	4	1	5	126-1	249	962	975	4557
≥.01	43	24	16	9	5	5	8	1	3				2	2			84-2	118	375	379	4550

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA 5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4566	4566
≥.10																5	SEA-5	5	1840	4566	4566
≥.08	8	3	1	1	2		2	1	1			1	2			37	SEA-1	59	3307	5013	5144
≥.06	103	29	19	12	17	13	11	9	10	6	7	6	6	7	1	66	522-1	322	2916	3152	4573
≥.05	130	38	32	25	18	7	18	9	7	9	9	7	4	5	5	43	462-1	366	2351	2468	4558
≥.04	152	51	34	23	17	11	13	19	8	7	10	10	3	2	6	20	246-1	386	1832	1903	4548
≥.03	146	45	32	25	20	12	11	10	7	8	7	3	3	3	3	12	204-1	347	1397	1450	4546
≥.02	106	53	22	15	13	14	9	10	4	3	2	1	2	3	2	5	204-1	264	949	973	4545
≥.01	62	23	14	11	8	8	5	5	3	1	1	1	1	2	1	5	144-1	151	571	589	4545

HOURS INTERVAL BETWEEN EVENTS

49 22.6N 128.0E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																7	SEA-5	7	2127	4714	4718
≥.12		1														8	SEA-5	9	2361	4945	4951
≥.11	2															13	SEA-5	15	2849	5563	5602
≥.10	18	4	3	1	1	1	2		2	1	1	1	1	1		45	SEA-1	82	3558	5156	5396
≥.08	59	20	18	8	16	12	16	12	11	4	3	3	6	6	1	44	672-1	239	2259	2584	4583
≥.06	50	20	21	15	13	2	10	8	7	5	5	3	2	4	1	18	348-1	184	1203	1272	4553
≥.05	66	26	29	15	17	12	4	3	3	3	2	5	1	3	1	10	306-1	200	938	949	4546
≥.04	67	31	16	12	11	8	2	2	4	3	3	1	1	2		9	210-1	172	710	711	4546
≥.03	44	24	9	12	9	7	7	2	2	1		1	3	1	1	3	204-1	126	497	497	4546
≥.02	24	13	8	8	5	6	1	1	3		2	2	1			1	108-1	75	286	286	4545
≥.01	18	4	3	1	1		1	1	1	1							60-1	31	78	78	4545

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4566	4566
≥.10																7	SEA-5	7	2300	5025	5028
≥.08	35	11	10	5	2	3	4	6	4	2	1	3		4	3	54	1668-1	147	3423	4273	4725
≥.06	93	25	20	13	13	9	14	5	5	5	6	6	6	5	4	47	432-1	276	2300	2539	4567
≥.05	120	31	23	24	14	15	9	11	10	10	12	7	4	3	5	26	354-1	324	1893	2031	4575
≥.04	125	34	30	19	16	17	14	7	19	8	2	1	2	3	5	12	306-1	314	1433	1568	4561
≥.03	130	42	33	17	21	13	7	11	7	6	6	2	3	1	2	5	240-1	306	1136	1236	4554
≥.02	108	40	32	16	13	6	12	4	3	1	4	1	3	2	2	2	168-1	249	807	862	4552
≥.01	58	25	21	3	15	3	4	1	1	3	2	1	2			2	126-1	141	449	470	4545

HOURS INTERVAL BETWEEN EVENTS

52 19.2N 127.8W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4566	4566
≥.10	2	1				1										7	SEA-5	11	2384	4960	4979
≥.08	35	13	7	7		7	10	7	5	1	5	3	4	3	1	68	1404-1	170	3688	4132	4766
≥.06	159	51	37	20	12	16	9		14	6	6	8	5	3	5	13	312-1	371	1551	1584	4552
≥.05	154	38	25	15	7	8	6	7	14	4	8		6		2	6	294-2	236	1004	1026	4549
≥.04	124	37	14	12	12	8	7	6	2	6	1	1			1	2	90-2	193	650	670	4547
≥.03	101	26	15	10	6	6	2	4	2	1	1	2					84-1	177	427	438	4547
≥.02	75	15	9	5	5	2	4	1	1								84-1	118	248	251	4547
≥.01	23	4	4	3													24-3	34	55	57	4545

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	1892	4618	4619
≥.14																[illegible]	SEA-5	8	1994	4720	4725
≥.13		1	1												1	16	SEA-5	19	2883	5055	5084
≥.12	6	1														23	SEA-3	32	3450	5466	5544
≥.11	15	9	2													45	SEA-2	80	3998	5350	5587
≥.10	50	13	12	9	6	4	4	2	2	7	2	3	3	3	2	58	1230-1	180	3093	3921	4728
≥.08	81	29	18	17	11	10	11	8	1	7	4	7	2	4	1	30	336-1	244	1664	1727	4561
≥.06	89	21	22	11	4	5	5	4	3	3	1	2	2	1		12	204-1	187	779	811	4548
≥.05	82	26	14	9	5	1	2	1	2	3	2	4			1	5	120-1	169	575	576	4545
≥.04	65	25	13	4	4	7	7	2	4	2	1	1				2	102-1	135	438	438	4545
≥.03	44	13	15	4	7	2	6										96-2	98	311	311	4545
≥.02	30	8	6	4	4	1	3										84-1	62	193	193	4545
≥.01	7	4	4	3	3	1	2	1									48-1	25	82	82	4545

HOURS INTERVAL BETWEEN EVENTS

55 17.6N 138.5E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																6	SEA-5	6	2044	4770	4771
≥.13																7	SEA-5	7	2220	4766	4771
≥.12																9	SEA-5	9	2348	4946	4959
≥.11	4		1												1	17	SEA-2	23	2835	5109	5153
≥.10	6	3		2	1	1			2			1	1			29	2160-1	46	3002	4691	4897
≥.08	43	26	13	8	10	10	7	13	8	7	6	6	6	2	5	55	942-1	217	2768	3072	4601
≥.06	90	26	23	15	18	8	6	8	8	5	3	6	4	3	2	29	450-1	252	1611	1713	4564
≥.05	87	35	22	17	13	8	8	6	8	4	6	2	3	4	5	12	360-1	240	1224	1300	4556
≥.04	88	34	23	18	11	10	6	7	1	3	1	2	1	5	2	12	198-1	224	970	996	4551
≥.03	71	30	16	20	9	9	8	2	3		3		4	1	1	5	138-1	182	667	689	4548
≥.02	45	22	17	12	7	6	2	5	3	2				1	1	1	120-1	124	409	428	4548
≥.01	19	12	9	1	1	3	2	3									48-3	50	135	151	4545

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																6	SEA-5	6	1933	4659	4660
≥.10																6	SEA-5	6	1933	4659	4661
≥.08	5	4	3	1			2	3			1		3	2		27	SEA-1	54	3421	4816	4965
≥.06	83	35	19	15	11	8	11	7	8	7	9	4	7	12	6	58	630-1	300	3289	3592	4618
≥.05	139	50	32	26	16	12	14	17	14	9	10	10	7	3	4	50	366-1	413	2875	2998	4610
≥.04	206	76	54	27	21	20	23	15	13	9	6	8	4	5	2	30	252-1	519	2386	2439	4597
≥.03	203	66	62	27	18	22	13	15	12	11	4	6	7	5		15	198-1	486	1900	1942	4574
≥.02	177	77	56	37	17	13	10	7	6	3	7	5	2	3		9	186-1	429	1408	1430	4561
≥.01	113	54	27	20	13	9	5	7	4	2	4		2	2	1	3	120-1	266	816	830	4557

HOURS INTERVAL BETWEEN EVENTS

58 14.5N 127.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																4	SEA-4	4	1472	4562	4562
≥.14																4	SEA-4	4	1472	4562	4562
≥.13	1															5	SEA-4	6	1604	4560	4562
≥.12	1	1														7	SEA-4	9	1760	4575	4581
≥.11	2	1														10	SEA-4	13	2547	5266	5287
≥.10	5	4	1							1				1	1	26	1626-1	39	2619	4957	5096
≥.08	54	16	14	4	7	1	5	6	2	8	5	3	2	1	3	48	810-1	179	2538	3247	4620
≥.06	93	42	16	14	11	5	6	5	9	5	4	7	3	3	4	33	474-1	260	1878	2085	4576
≥.05	93	30	33	12	12	12	7	9	6	3	8	3	5	8	2	22	312-1	274	1503	1585	4547
≥.04	108	46	28	12	9	15	8	7	10	4	7	2	4	3		15	216-1	276	1222	1273	4542
≥.03	82	31	24	11	17	9	5	1	7	5	4	1	3	1		10	174-1	211	878	921	4541
≥.02	45	21	15	11	10	6	9	5	4		1	1	1		2	3	114-1	136	525	555	4541
≥.01	19	5	3	2	4	1	4	1				1					72-1	40	120	125	4541

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																6	SEA-5	6	2014	4565	4566
≥.10																7	SEA-5	7	2250	4800	4804
≥.08	40	22	9	4	4	3	4	4	3	3	5	2	1	4	5	57	960-1	170	3458	4335	4938
≥.06	101	23	20	18	10	10	12	3	9	6	11	2	5	3	5	38	522-1	276	2008	2232	4646
≥.05	138	35	36	15	11	10	15	6	4	9	5	1	3	4	4	20	204-1	317	1433	1597	4568
≥.04	149	46	37	11	12	10	12	11	6	4	2	4	2	1	1	7	150-1	315	1048	1139	4550
≥.03	125	36	27	7	12	9	5	5	7	2	1	1	1			5	132-1	243	704	753	4548
≥.02	81	24	9	6	6	8	2	1	2	2			1		1	1	96-1	144	362	387	4545
≥.01	14	7	3	4		1	2		1								54-1	32	82	86	4545

HOURS INTERVAL BETWEEN EVENTS

61 12.0N 156.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4566	4566
≥.10																6	SEA-5	6	2066	4792	4807
≥.08	27	6	10	3	4	3	6		2	1	1	2	4	1	2	51	1614-1	123	3118	4357	4803
≥.06	118	27	28	11	19	6	5	4	7	6	5	5	4	5	3	38	708-1	283	2127	2438	4557
≥.05	160	44	25	12	15	3	5	6	9	4	4	2	2	4	2	27	336-1	306	1503	1760	4555
≥.04	167	22	37	13	15	4	10	2	12	3		3	1	3	1	18	258-1	251	1201	1302	4550
≥.03	131	25	22	8	9	5	7	3	4	2	2	4	2	1		12	258-1	192	818	907	4549
≥.02	57	18	16	4	6	1	4	2	2	2		1	2	1		6	252-1	118	472	486	4545
≥.01	11	1	3	3	3		1	2		1	1					3	186-1	29	165	167	4545

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																6	SEA-5	6	2175	4901	4902
≥.10																7	SEA-4	7	1865	4611	4617
≥.08	2	1	1			2						1				9	SEA-4	16	2024	4570	4651
≥.06	12	3	1	2	2	1	1		3				1			19	SEA-3	45	2910	5120	5330
≥.05	17	4	5	2	1	1	2	4		1	1			1		27	2046-1	66	2302	4177	4580
≥.04	21	14	2	7	2	2	3	5	1	4	2	1	1	2	2	39	1392-1	108	2443	3534	4594
≥.03	21	4	9	12	5	4	1	4	4	4	1	2	2	1	3	37	726-1	114	1909	2543	4576
≥.02	30	18	18	10	7	6	4	3	2	4	2	2	3	5	2	21	516-1	142	1364	1752	4545
≥.01	8	13	9	2	5	2		2	4	2			2	1	3	16	384-1	71	842	1014	4545

HOURS INTERVAL BETWEEN EVENTS

44 27.9N 150.7E

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4566	4566
≥.10		1	1													13	SEA-4	15	2970	5312	5337
≥.08	16	5		3	5		6	3	3	4	4	4	2	3	2	68	948-1	128	3369	4127	4664
≥.06	58	24	22	17	15	20	15	15	16	9	8	6	5	3	4	60	300-1	297	2690	2951	4576
≥.05	71	41	40	24	27	18	13	23	14	14	4	12	7	8	5	28	246-1	349	2252	2435	4567
≥.04	102	56	54	32	33	22	21	14	14	6	5	10	7	2	5	13	150-1	396	1865	1966	4560
≥.03	117	70	47	34	29	18	18	11	8	7	4	4	3	1	2	8	144-1	381	1467	1543	4560
≥.02	112	60	41	33	14	12	9	12	1	4	5	3	2			1	96-1	309	970	1026	4550
≥.01	64	37	13	11	6	5	3	1	1	1	1						66-1	143	340	352	4545

HOURS INTERVAL BETWEEN EVENTS

45 27.8N 145.6W

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																6	SEA-5	6	1994	4720	4720
≥.10						1										14	SEA-3	15	2606	4920	4926
≥.08	26	8	6	2	2	6		3	2	1	5	1		1	4	72	834-1	139	3197	4077	4785
≥.06	63	28	19	15	12	14	15	3	6	2	10	6	7	6	5	48	456-1	259	2369	2599	4581
≥.05	78	26	20	15	18	12	7	9	9	8	8	5	5	5	4	35	276-1	284	1881	2058	4564
≥.04	80	44	22	29	18	21	11	12	8	12	6	2	3	1	5	21	192-1	296	1577	1658	4555
≥.03	92	41	44	17	16	12	11	14	6	8	5	1	2	7	1	9	132-2	286	1219	1273	4553
≥.02	85	40	23	18	21	8	9	6	5	5	2	2	1	2	2	4	114-1	233	851	873	4553
≥.01	35	21	4	13	6	7	4	2					3	1			78-1	96	306	317	4545

HOURS INTERVAL BETWEEN EVENTS

47 25.0N 119.4W

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4566	4566
≥.10																5	SEA-5	5	1840	4566	4566
≥.08	8	3	1	1	2		2	1	1			1	2			37	SEA-1	59	3307	5013	5144
≥.06	103	29	19	12	17	13	11	9	10	6	7	6	6	7	1	66	522-1	322	2916	3152	4573
≥.05	130	38	32	25	18	7	18	9	7	9	9	7	4	5	5	43	462-1	366	2351	2468	4558
≥.04	152	51	34	23	17	11	13	19	8	7	10	10	3	2	6	20	246-1	386	1832	1903	4548
≥.03	146	45	32	25	20	12	11	10	7	8	7	3	3	3	3	12	204-1	347	1397	1450	4546
≥.02	106	53	22	15	13	14	9	10	4	3	2	1	2	3	2	5	204-1	264	949	973	4545
≥.01	62	23	14	11	8	8	5	5	3	1	1	1	1	2	1	5	144-1	151	571	589	4545

HOURS INTERVAL BETWEEN EVENTS

48 23.5N 151.8W

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4566	4566
≥.10																9	SEA-3	9	2371	4925	4937
≥.08	16	8	5	4	4	9	3	5	2	3	1	1	3	1	2	61	870-1	128	3282	4183	4806
≥.06	87	27	25	7	6	6	4	11	9	2		6	7	5	2	47	444-1	255	2170	2415	4571
≥.05	97	31	22	15	13	6	15	10	8	8	5	2	6	5	2	28	390-1	275	1758	1895	4556
≥.04	113	34	25	13	19	12	7	10	11	5	6	8	1	4	2	13	312-1	283	1358	1448	4555
≥.03	92	36	26	18	19	9	9	10	5	5	7	1	2		1	6	300-1	246	976	1044	4548
≥.02	83	33	16	15	12	9	5	5	3	4	2			3		2	264-1	192	639	672	4545
≥.01	43	8	5	6	4	4	4	2		1		1				2	156-1	80	252	271	4545

HOURS INTERVAL BETWEEN EVENTS

50 21.7N 162.7W

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4566	4566
≥.10																7	SEA-5	7	2300	5025	5028
≥.08	35	11	10	5	2	3	4	6	4	2	1	3		4	3	54	1668-1	147	3423	4273	4725
≥.06	93	25	20	13	13	9	14	5	5	5	6	6	6	5	4	47	432-1	276	2300	2539	4567
≥.05	120	31	23	24	14	15	9	11	10	10	12	7	4	3	5	26	354-1	324	1893	2031	4575
≥.04	125	34	30	19	16	17	14	7	19	8	2	1	2	3	5	12	306-1	314	1433	1568	4561
≥.03	130	42	33	17	21	13	7	11	7	6	6	2	3	1	2	5	240-1	306	1136	1236	4554
≥.02	108	40	32	16	13	6	12	4	3	1	4	1	3	2	2	2	168-1	249	807	862	4552
≥.01	58	25	21	3	15	3	4	1	1	3	2	1	2			2	126-1	141	449	470	4545

HOURS INTERVAL BETWEEN EVENTS

51 20.5N 177.1W

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																6	SEA-5	6	2117	4843	4845
≥.10	2															9	SEA-4	11	2529	5387	5415
≥.08	26	12	5	8	2	7	3	2	2		1	1	1	3	1	60	954-1	134	3139	4028	4762
≥.06	72	26	19	22	21	11	9	6	9	9	8	3	3	2	13	43	576-1	260	2121	2389	4629
≥.05	82	34	23	24	14	11	12	8	9	3	5	3	7	5	4	25	312-2	269	1652	1816	4597
≥.04	123	32	23	16	19	12	8	9	6	9	5	6	4	1	3	12	180-1	288	1242	1360	4578
≥.03	85	38	24	21	9	12	6	10	4	7	3	2	2	3		4	168-1	230	874	933	4554
≥.02	61	22	15	20	5	7	9	2	4	2	3		1			1	96-1	153	508	547	4552
≥.01	29	11	9	4	6	7	1	2	1							1	72-1	65	173	178	4545

HOURS INTERVAL BETWEEN EVENTS

53 18.5N 120.7E

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-5	6	1892	4618	4619
≥.14																8	SEA-5	8	1994	4720	4725
≥.13		1	1												1	16	SEA-5	19	2883	5055	5084
≥.12	6	1				1		1								23	SEA-3	32	3450	5466	5544
≥.11	15	9	2				1			1		1	3	2	1	45	SEA-2	80	3998	5350	5587
≥.10	50	33	12	9	6	4	4	2	2	7	2	3	3	3	2	58	1230-1	180	3093	3921	4728
≥.08	81	29	18	17	11	10	11	5	7	4	7	7	2	4	1	30	336-1	244	1664	1727	4561
≥.06	89	21	22	11	4	5	5	4	3	3	1	2	2	1	2	12	204-1	187	779	811	4548
≥.05	82	26	14	9	5	11	1	2	3	2	4	2		2	1	5	120-1	169	575	576	4545
≥.04	65	21	13	4	7	7	2	4	2	1	1	2	1	2		3	102-1	135	438	438	4545
≥.03	44	13	15	4	7	2	6			1	1	2		1		2	96-2	98	311	311	4545
≥.02	30	8	6	4	4	1	3		1	2	1	1		1			84-1	62	193	193	4545
≥.01	7	4	4	3	3	1	2	1									48-1	25	82	82	4545

HOURS INTERVAL BETWEEN EVENTS

54 18.2N 168.8E

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																6	SEA-6	6	2208	4753	4754
≥.14		1														6	SEA-6	6	2210	4755	4757
≥.13		1														7	SEA-6	7	2210	4755	4758
≥.12																7	SEA-6	7	2555	5098	5108
≥.11																10	SEA-6	10	2833	5290	5315
≥.10	3	1														19	SEA-4	24	2841	5261	5334
≥.08	48	21	14	6	6	5	7	3	5	2	4	1	4	3	6	51	1038-1	186	3057	3823	4924
≥.06	81	21	17	15	12	9	10	5	3	1	5	7	8	4	5	33	252-1	236	1702	1862	4584
≥.05	91	32	21	5	14	12	7	3	4	5	2	5	4	5	3	20	240-1	233	1266	1380	4570
≥.04	89	26	24	16	13	14	4	9	7	4	2	1	7	1	1	7	192-1	225	937	1011	4566
≥.03	77	28	22	10	6	10	7	8	5	1	1		5	2	1	3	132-1	186	674	723	4551
≥.02	58	21	19	7	7	10	1	4	2	2			1			2	102-1	134	403	415	4551
≥.01	18	10	7	2	2	2	1	1					2				78-2	45	130	136	4545

HOURS INTERVAL BETWEEN EVENTS

56 17.6N 111.5W

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																6	SEA-5	6	1933	4659	4660
≥.10																6	SEA-5	6	1933	4659	4661
≥.08	5	4	3	3		2	3		1		1	3	2			27	SEA-1	54	3421	4816	4965
≥.06	83	35	19	15	11	8	11	7	8	7	9	4	7	12	6	58	630-1	300	3288	3592	4618
≥.05	139	50	32	26	16	12	14	17	14	9	10	10	7	3	4	50	366-1	413	2875	2998	4610
≥.04	206	76	54	27	21	20	23	15	13	9	6	8	4	5	2	30	252-1	519	2386	2439	4597
≥.03	203	66	62	27	18	22	13	15	12	11	4	6	7	5		15	198-1	486	1900	1942	4574
≥.02	177	77	56	37	17	13	10	7	6	3	7	5	2	3		9	186-1	429	1408	1430	4561
≥.01	113	54	27	20	13	9	5	7	4	2	4		2	2	1	3	120-1	266	816	830	4557

HOURS INTERVAL BETWEEN EVENTS

57 14.9N 147.9E

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11		1														6	SEA-5	7	2067	4926	4937
≥.10	2			1				2						1		18	SEA-3	24	2566	4742	4794
≥.08	69	19	25	9	11	8	12	3	7	2	6	7	5	2	5	48	990-1	238	3143	3720	4699
≥.06	134	36	24	19	26	9	12	7	5	3	7	1	6	4	2	32	540-1	327	1907	2091	4556
≥.05	153	47	42	17	17	8	11	9	3	3	6	8	3	3	5	17	222-1	352	1467	1533	4548
≥.04	150	52	32	16	13	6	13	7	5	4	5	2	4	4	1	9	150-1	323	1122	1153	4546
≥.03	107	56	19	12	13	11	8	4	3	4	5	2	2	4		3	102-1	253	820	835	4546
≥.02	85	36	20	12	6	7	3	4	1	3		1	2	1	1		90-1	182	496	504	4546
≥.01	29	14	12	1		3	1	1	1	2							60-2	64	159	159	4546

HOURS INTERVAL BETWEEN EVENTS

59 14.0N 160.6W

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																6	SEA-5	6	2014	4565	4566
≥.10																7	SEA-5	7	2250	4800	4804
≥.08	40	22	9	4	4	3	4	4	3	3	5	2	1	4	5	57	960-1	170	3458	4335	4938
≥.06	101	23	20	18	10	10	12	3	9	6	11	2	5	3	5	38	522-1	276	2008	2232	4646
≥.05	139	35	36	15	11	10	15	6	4	9	5	1	3	4	4	20	204-1	317	1433	1597	4568
≥.04	149	46	37	11	12	10	12	11	6	4	2	4	2	1	1	7	150-1	315	1048	1139	4550
≥.03	125	36	27	7	12	9	5	5	7	2	1	1	1			5	132-1	243	704	753	4549
≥.02	81	24	9	6	6	8	2	1	2	2			1		1	1	96-1	144	362	387	4545
≥.01	14	7	3	4		1	2		1								54-1	32	82	86	4545

HOURS INTERVAL BETWEEN EVENTS

60 12.2N 112.6E

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12	4													1		7	SEA-5	12	2500	5226	5240
≥.11	2	1											1			11	SEA-3	15	2230	4747	4799
≥.10	7	5	7	1		2	3		1	2					1	33	SEA-1	62	2953	4913	5144
≥.08	43	24	11	8	4	3	9	6	4	3	1	1	3	4	7	37	1356-1	168	2324	3001	4611
≥.06	93	21	15	5	7	4	6	4	5	9	5	1	6	3	3	28	414-1	215	1573	1878	4545
≥.05	77	38	16	6	10	8	4	6	7	6	8	1	1	3	3	20	444-1	214	1329	1509	4545
≥.04	71	38	12	16	3	12	5	3	5	2	5	2	4		3	15	264-1	196	1067	1167	4545
≥.03	56	26	17	8	7	11	2	5	2	4	5		2	1	2	10	264-1	158	834	875	4545
≥.02	40	21	9	9	8	5		1	2	1	2	1	1	1		9	246-1	110	556	574	4545
≥.01	17	7	5	3	4	4	2		2			1		1		10	186-1	56	358	363	4545

HOURS INTERVAL BETWEEN EVENTS

62 4.1N 106.7E

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																6	SEA-5	6	2175	4901	4902
≥.10																7	SEA-4	7	1885	4611	4617
≥.08	2	1	1			2						1				9	SEA-4	16	2024	4570	4651
≥.06	12	3	1	2	2	1	1		3				1			19	SEA-1	45	2910	5120	5330
≥.05	17	4	5	2	1	1	2	4		1	1			1		27	2046-1	66	2302	4177	4580
≥.04	21	14	2	7	2	2	3	5	1	4	2	1	1	2	2	39	1392-1	108	2443	3534	4594
≥.03	21	4	9	12	5	4	1	4	4	4	1	2	2	1	1	37	726-1	114	1909	2543	4576
≥.02	30	18	18	10	7	6	4	3	2	4	2	7	3	5	2	21	516-1	142	1384	1752	4545
≥.01	8	13	9	2	5	2		2	4	2			2	1	3	18	384-1	71	842	1014	4545

HOURS INTERVAL BETWEEN EVENTS

63 2.1N 123.6E

Wave slope σ	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥.15																5	SEA-5	5	1840	4566	4566
≥.14																5	SEA-5	5	1840	4566	4566
≥.13																5	SEA-5	5	1840	4566	4566
≥.12																5	SEA-5	5	1840	4566	4566
≥.11																5	SEA-5	5	1840	4566	4566
≥.10																5	SEA-5	5	1840	4566	4566
≥.08																6	SEA-5	6	1989	4715	4716
≥.06			1													7	SEA-5	8	1995	4715	4716
≥.05	1	1	2		1											10	SEA-5	15	2175	4869	4874
≥.04	6	2	1							1					1	17	SEA-4	29	2423	[illegible]	[illegible]
≥.03	10	5	7		2		1	2		2		3	3	1	2	34	SEA-1	72	2759	4349	4497
≥.02	20	11	7	6	2	4	4	2	3	3	3	1	5	3	2	40	1278-1	116	2303	[illegible]	4559
≥.01	21	13	11	6	5	6	4	2	5	2	1	1	4		2	30	642-1	113	1770	2251	4545

HOURS INTERVAL BETWEEN EVENTS

2

1 — 64.0N 166.7W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																				17218	17219
≥.14																				17214	17219
≥.13											1	1					50.25-1	2	321	17207	17219
≥.12							1				2	1		1			108.50-1	5	855	17180	17219
≥.11	3	8	2		7	4	2	5	7	16	5	8	2	1			91.00-1	70	4056	17015	17219
≥.10	41	17	14	10	26	12	21	17	51	36	10	6	4	1			138.75-1	266	8424	16405	17219
≥.08	222	62	44	39	159	108	52	36	84	19	10	7	2				75.00-1	844	10418	11784	17219
≥.06	149	72	86	86	210	66	56	29	53	17							20.00-1	824	6617	6908	17219
≥.05	161	106	107	88	159	64	56	19	39	10							19.75-1	807	5377	5556	17219
≥.04	197	123	103	78	154	73	35	19	28	2							14.50-1	812	4409	4500	17219
≥.03	204	124	114	79	148	57	24	12	16	1							10.50-1	779	3626	3691	17219
≥.02	212	130	108	63	113	37	26	7	8								8.75-1	704	2844	2879	17219
≥.01	155	102	73	58	86	33	7	3	4								6.75-1	521	1940	1969	17219

DAYS INTERVAL BETWEEN EVENTS

2 — 59.4N 172.0W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																				17212	17217
≥.14											1	2					36.00-1	3	370	17196	17217
≥.13	1				1				1	2	5	7		1			102.00-1	18	2182	17157	17217
≥.12	3			1	3	6	1	2	11	15	7	13	1		1		226.25-1	64	5397	16962	17217
≥.11	17	5	6	8	21	24	13	9	41	41	6	9	1	2			178.25-1	203	8150	16411	17217
≥.10	36	29	16	17	89	57	40	27	73	44	10	4	1	3			149.00-1	446	10603	14987	17217
≥.08	88	64	77	80	182	75	51	41	76	25	3	7					45.00-1	769	9143	9958	17217
≥.06	155	129	107	84	198	75	49	26	38	6	1						26.50-1	868	5652	5890	17217
≥.05	217	155	94	79	146	67	33	19	30	2							10.75-1	842	4431	4566	17217
≥.04	216	160	107	74	127	52	27	11	13	1							10.25-1	788	3465	3556	17217
≥.03	227	134	90	63	95	43	24	3	8								8.25-1	687	2665	2746	17217
≥.02	197	89	69	45	70	33	12	1	3								7.25-1	519	1806	1854	17217
≥.01	95	40	41	20	40	18	4	1	1								6.00-1	260	916	932	17217

DAYS INTERVAL BETWEEN EVENTS

4 — 56.8N 174.8E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15						1			1			1					53.00-1	3	261	17206	17219
≥.14	2					3	1	2		3		4		1			126.75-1	16	1577	17168	17219
≥.13	4	1	1		7	2	2	3	3	15	6	9	1	1	1		234.75-1	56	4761	17017	17219
≥.12	17	8	6	4	8	13	11	8	23	29	17	7	2	1	1		233.50-1	155	7635	16635	17219
≥.11	34	11	11	7	43	33	24	22	55	43	9	8	1	3			157.50-1	304	9640	15761	17219
≥.10	56	24	30	37	102	62	44	46	82	36	10	7	2	2			155.75-1	540	11235	13963	17219
≥.08	129	91	82	83	182	84	51	32	65	24	6	2					38.25-1	831	8161	8762	17219
≥.06	198	117	95	88	191	87	43	18	31	1							10.75-1	869	4975	5169	17219
≥.05	210	154	112	76	148	58	27	11	21								8.25-1	817	3797	3925	17219
≥.04	231	148	95	65	122	43	22	9	7								7.50-1	742	2909	2989	17219
≥.03	216	103	76	55	90	34	10	4	6								7.00-1	594	2130	2188	17219
≥.02	158	82	59	31	59	15	6	4	2								6.75-1	417	1339	1383	17219
≥.01	75	40	24	19	27	7	2		1								6.75-1	195	588	607	17219

DAYS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																				17219	17219
≥.14											1						28.25-1	1	113	17213	17219
≥.13					1	1				3	1	3	1	1			123.75-1	12	1537	17172	17219
≥.12	3	2	5	1	4	6	2	4	9	12	8	11	2	1	1		208.25-1	71	5727	16987	17219
≥.11	22	8	15	8	27	12	16	10	43	26	15	15		2	2		189.50-1	221	10075	16351	17219
≥.10	42	21	22	17	55	58	39	20	85	45	9	8	1	3			157.25-1	425	10992	15047	17219
≥.08	109	89	92	65	169	86	63	34	77	30	7	5					45.00-1	826	9625	10338	17219
≥.06	216	142	107	85	199	86	51	38	38	11	2						21.00-1	975	6513	6732	17219
≥.05	232	154	119	78	188	80	33	21	26	7							13.75-1	938	5146	5266	17219
≥.04	241	167	106	81	171	67	21	9	20	2							12.25-1	885	4034	4122	17219
≥.03	236	144	83	65	114	48	16	10	12								9.25-1	728	2968	3037	17219
≥.02	192	114	56	36	67	36	7	7	2								6.50-1	517	1789	1846	17219
≥.01	89	40	32	15	29	12	4	2	1								5.25-1	224	737	747	17219

DAYS INTERVAL BETWEEN EVENTS

7 — 53.4N 164.7E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																				17214	17218
≥.14										1				1			127.00-1	2	549	17205	17218
≥.13	2	1			1	4		2	3	4	1	5	4				81.00-1	27	2505	17136	17218
≥.12	3	3	1		4	6	3	3	12	18	12	8	2		3		202.75-1	78	6879	16937	17218
≥.11	24	5	7	6	32	15	19	19	53	46	13	3		3			175.75-1	245	8755	16273	17218
≥.10	48	27	25	22	64	43	45	26	91	50	6	1	1	4			156.25-1	453	10724	14771	17218
≥.08	108	95	100	80	171	101	57	38	66	26	4	5					46.25-1	851	8930	9758	17218
≥.06	214	173	109	85	189	76	43	27	41	6	1						23.25-1	964	5768	6002	17218
≥.05	284	154	105	65	157	62	36	17	25	3							19.75-1	908	4444	4586	17218
≥.04	285	143	93	84	126	44	24	16	16								10.00-1	831	3505	3566	17218
≥.03	253	128	90	59	98	35	17	10	8								9.25-1	699	2658	2703	17218
≥.02	188	90	60	37	87	24	9	4	3								7.00-1	500	1750	1784	17218
≥.01	92	60	37	31	28	12	3	3									4.75-1	266	839	853	17218

DAYS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15		1				2				1		3	1				63.50-1	8	878	17192	17219
≥.14		1			1	2		1	1	2	2	7	1				67.75-1	18	1885	17140	17219
≥.13	2	2			3	4	3	3	12	16	9	9	4	1			91.00-1	68	5334	17007	17219
≥.12	15	12	3	4	23	11	13	8	34	42	12	7	2	1	2		189.50-1	189	9483	16646	17219
≥.11	36	28	20	17	44	43	30	24	63	54	11	8	3	3			166.25-1	384	11956	15782	17219
≥.10	70	49	54	46	109	67	56	35	96	45	13	8	2	2			97.25-1	652	12364	14013	17219
≥.08	184	137	128	83	193	94	66	32	63	25	2						24.50-1	1007	8013	8494	17219
≥.06	254	147	124	89	196	66	42	26	15	3							12.75-1	962	4771	4853	17219
≥.05	320	171	106	78	140	62	24	8	7	1							11.75-1	917	3525	3580	17219
≥.04	296	156	97	70	104	42	9	4	4	1							11.75-1	783	2594	2625	17219
≥.03	249	126	72	64	74	19	6	4	1	1							11.75-1	616	1850	1876	17219
≥.02	176	74	58	32	45	10	5	1	1								6.25-1	402	1117	1139	17219
≥.01	66	30	21	8	18	4	2		1								6.25-1	150	428	443	17219

DAYS INTERVAL BETWEEN EVENTS

10 — 51.7N 135.6W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15											1						27.75-1	1	111	17215	17219
≥.14								1		1	2	1		1			111.50-1	6	902	17196	17219
≥.13	2	1		1	2	4	3	3	7	4	9	8	3	1			98.25-1	48	3973	17108	17219
≥.12	12	9	3	5	19	18	10	9	18	18	15	12	4	1			153.50-1	153	7464	16823	17219
≥.11	33	30	20	12	51	31	26	12	56	37	14	5	3	2	1		185.75-1	333	10118	16047	17219
≥.10	85	58	36	35	108	71	41	27	70	43	11	7	4	2			104.50-1	598	11414	14271	17219
≥.08	167	114	93	62	179	85	48	32	69	24	5	2					53.00-1	880	8276	8758	17219
≥.06	240	140	100	79	193	80	28	19	33	3							13.75-1	915	4978	5188	17219
≥.05	267	144	104	80	134	54	27	14	17	3							12.75-1	844	3829	3952	17219
≥.04	236	129	90	70	110	39	21	11	10	1							11.25-1	717	2931	2992	17219
≥.03	190	108	68	46	97	29	15	3	6	1							10.25-1	563	2135	2176	17219
≥.02	152	66	54	31	53	15	6	3	4								6.00-1	384	1287	1305	17219
≥.01	67	29	27	10	32	7	5										3.75-2	177	579	581	17219

DAYS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15									1					1			111.25-1	2	471	17207	17219
≥.14	2		1		1				3	1	1	4	2	1			110.75-1	16	1825	17166	17219
≥.13	1				1	1			9	9	5	10	2	2			173.50-1	40	4634	17090	17219
≥.12	11	3	5	3	13	11	9	4	26	36	14	14	1	3			169.50-1	153	8993	16799	17219
≥.11	33	22	16	12	49	26	26	26	78	54	9	8	1	6			167.00-1	366	12355	15897	17219
≥.10	89	66	54	65	128	87	54	36	109	49	8	8	3				75.50-1	756	12375	13784	17219
≥.08	190	180	105	88	213	94	53	28	42	15	2	2					33.75-1	1012	7115	7418	17219
≥.06	241	144	115	99	171	48	24	7	17	1							10.25-1	867	3779	3916	17219
≥.05	293	155	117	67	117	37	14	6	7								5.75-3	813	2755	2838	17219
≥.04	280	153	78	65	76	21	8	3	2								5.50-2	686	1965	2008	17219
≥.03	223	111	59	47	43	15	4	3	1								5.50-1	506	1358	1369	17219
≥.02	148	68	29	20	28	9	1	2									5.00-1	305	764	768	17219
≥.01	51	10	9	5	8	3	1										4.00-1	87	212	214	17219

DAYS INTERVAL BETWEEN EVENTS

13 — 50.3N 171.3W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																				17213	17218
≥.14	1				1	1				1		2		2			163.00-1	8	1584	17189	17218
≥.13	3	1	1		3	1	2	3	4	6		6	5				82.75-2	35	2909	17111	17218
≥.12	10	5	1	2	9	10	4	8	23	25	13	10	6	2	1		230.00-1	129	8910	16833	17218
≥.11	28	14	12	12	26	38	27	19	69	45	16	11	2	3			173.50-1	322	11548	16057	17218
≥.10	81	34	39	43	111	87	56	41	93	51	9	7	3	1			129.25-1	656	12419	14167	17218
≥.08	182	144	137	108	223	104	55	37	61	11	3						24.00-2	1063	7693	8009	17218
≥.06	258	192	118	92	173	72	26	20	13	1							10.25-1	965	4254	4353	17218
≥.05	309	192	108	65	116	51	21	9	4								8.00-1	873	3083	3130	17218
≥.04	281	147	100	59	97	31	8	2	3								7.00-1	728	2254	2278	17218
≥.03	241	105	61	41	60	19	5	1	1								5.25-1	534	1474	1492	17218
≥.02	116	71	43	22	32	6	4		1								5.25-1	295	814	824	17218
≥.01	52	23	12	3	8	2	4										3.75-1	104	266	273	17218

DAYS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15				1		1			1		1		1				73.75-1	5	435	17184	17219
≥.14				1	1	2	2	1	5	6	5	6	1	1	1		208.75-1	32	3612	17109	17219
≥.13	8	3		3	5	5	6	6	18	19	13	9	1	3	1		208.50-1	100	7460	16940	17219
≥.12	16	13	4	4	19	22	22	9	35	38	18	9	4	2	1		188.25-1	216	10647	16556	17219
≥.11	40	37	28	22	53	37	42	32	71	50	14	8	3	3			174.50-1	440	12030	15573	17219
≥.10	91	72	81	46	128	98	58	54	107	34	12	6	1	1			129.50-1	787	12125	13515	17219
≥.08	193	165	121	91	196	93	62	38	58	14	1						24.25-1	1032	7399	7685	17219
≥.06	289	155	[illegible]	85	175	76	32	14	8								9.25-1	964	4095	4198	17219
≥.05	313	179	103	62	134	47	8	8	7								9.25-1	861	2965	3043	17219
≥.04	286	135	78	54	100	31	7	1	2								9.00-1	694	2090	2138	17219
≥.03	221	84	57	51	53	22	4	2									4.25-2	494	1401	1426	17219
≥.02	133	54	42	23	36	9		1									4.25-1	298	786	800	17219
≥.01	[illegible]	22	15	6	13	2		1									4.25-1	99	273	277	17219

DAYS INTERVAL BETWEEN EVENTS

16 — 47.1N 161.2E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15										1	1	2	1				65.25-1	5	714	17194	17217
≥.14		3			1		2		1	4	1	6	3				86.00-1	21	2296	17160	17217
≥.13	2	1	2	2	4	6	4	8	8	18	8	7	4				80.50-2	74	4813	17035	17217
≥.12	11	9	9	4	19	17	18	21	44	51	9	8		2			148.75-1	222	8440	16616	17217
≥.11	49	32	20	17	67	48	42	34	79	52	11	4	1	3			154.75-1	459	11063	15539	17217
≥.10	97	90	82	60	142	103	65	55	82	34	8	7	1	2			95.00-1	828	11661	13550	17217
≥.08	217	178	137	94	208	87	68	29	50	17	3	1					32.75-1	1085	7674	7962	17217
≥.06	294	182	143	108	177	65	38	9	9	4							16.50-1	1025	4394	4488	17217
≥.05	365	192	114	73	138	45	18	8	8								9.50-1	939	3235	3288	17217
≥.04	317	163	96	59	107	26	11	3	3								6.25-1	785	2340	2374	17217
≥.03	285	121	62	53	64	20	7	2									5.00-1	594	1629	1650	17217
≥.02	161	56	45	34	44	7	3	1									4.50-1	351	939	949	17217
≥.01	65	25	16	16	15		1	1									4.50-1	139	345	350	17217

DAYS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15																				17217	17217
≥.14																				17215	17217
≥.13																				17208	17217
≥.12										2		1					43.75-1	3	260	17196	17217
≥.11	5		2	2			1		5	3	2	5	2		1		207.50-1	28	2924	17133	17217
≥.10	22	5	4	2	8	4	8	4	21	31	13	12	1	1			130.75-1	136	6940	16838	17217
≥.08	151	91	65	51	178	120	80	43	72	48	7	5	2				72.75-1	911	11676	13375	17217
≥.06	218	125	164	105	295	103	49	30	62	15							18.75-1	1166	8033	8334	17217
≥.05	284	238	144	115	228	87	39	32	40	6							18.50-1	1214	6497	6656	17217
≥.04	365	264	156	113	204	74	31	19	25	2							11.50-1	1233	5336	5408	17217
≥.03	377	239	153	92	198	64	29	18	16								8.00-2	1175	4546	4611	17217
≥.02	367	233	144	94	142	59	22	8	5								8.00-1	1076	3674	3718	17217
≥.01	317	186	123	87	126	51	20	8	4								8.00-1	922	3216	3247	17217

DAYS INTERVAL BETWEEN EVENTS

19 — 44.3N 177.7W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15						1				1		1	2				83.00-1	5	831	17198	17219
≥.14	5		1			3		1	2	5	2	4	1	1	1		209.00-1	26	2741	17150	17219
≥.13	8	7	1	2	5	3	2	3	8	15	12	8	2	2	1		189.25-1	79	6114	17010	17219
≥.12	12	10	5	5	16	16	17	11	42	43	9	9	2	2			170.00-1	199	8910	16857	17219
≥.11	51	35	22	12	54	59	47	31	68	40	6	10	2	2			158.00-1	434	10647	15716	17219
≥.10	126	75	52	58	144	114	58	39	66	41	10	10	1				65.00-1	812	11843	13610	17219
≥.08	228	158	128	103	227	89	50	42	53	13							18.25-1	1087	7264	7580	17219
≥.06	273	187	128	89	163	67	24	19	12								9.00-1	958	4054	4109	17219
≥.05	327	188	101	58	128	35	18	10	4								7.00-1	868	2936	2983	17219
≥.04	301	152	70	64	109	24	9	3									4.50-2	728	2136	2151	17219
≥.03	248	100	63	47	69	14	5	1									4.25-1	547	1465	1479	17219
≥.02	132	83	43	21	31	8	1										3.25-1	320	795	807	17219
≥.01	52	29	16	8	9	5											2.50-1	119	287	289	17219

DAYS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

Wave slope	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T*	TH
≥.15				1					1	1							20.00-1	3	123	17211	17218
≥.14	1			1	1	1			1	3	2						28.50-1	10	469	17190	17218
≥.13	3	2	1		2	3	3	2	8	6	3	5	5	1			162.50-1	44	4033	17104	17218
≥.12	9	2	3	3	16	16	14	14	23	32	6	7	2	3	1		230.25-1	151	8241	16801	17218
≥.11	30	23	24	25	60	40	39	23	50	42	11	9	3	3			148.75-1	382	10757	15864	17218
≥.10	107	79	50	59	128	78	55	31	84	48	12	4	3	1			112.75-1	739	11713	13724	17218
≥.08	202	98	108	86	184	81	45	25	58	20	3	1					35.00-1	892	7255	7584	17218
≥.06	209	118	88	78	149	76	20	17	24	1	1						21.50-1	781	4125	4245	17218
≥.05	221	128	92	64	111	56	12	12	12	2							11.75-1	710	3081	3156	17218
≥.04	188	117	72	63	103	31	12	1	8	2							11.75-1	597	2329	2379	17218
≥.03	178	88	60	37	79	20	11	3	2	1							10.25-1	479	1666	1699	17218
≥.02	128	61	37	24	35	13	4	2	2								6.75-1	306	956	979	17218
≥.01	51	21	10	8	14	8	2	2	1								5.50-1	117	406	406	17218

DAYS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) INTERVALS

2 — 59.4N 172.0W

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15																				17212	17217
.14											1	2					36.00 - 1	3	370	17196	17217
.13	1				1				1	2	5	7		1			102.00 - 1	18	2162	17157	17217
.12	3			1	3	6	1	2	11	15	7	13	1		1		226.25 - 1	64	5397	16962	17217
.11	17	5	6	8	21	24	13	9	41	41	6	9	1	2			178.25 - 1	203	8150	16411	17217
.10	36	29	16	17	89	57	40	27	73	44	10	4	1	3			149.00 - 1	446	10603	14987	17217
.08	88	64	77	80	102	75	51	41	76	25	3	2					45.00 - 1	769	9143	9958	17217
.06	155	129	107	84	190	75	49	26	38	6	1						26.50 - 1	868	5652	5890	17217
.05	217	155	94	79	144	67	33	19	30	2							10.75 - 1	842	4431	4566	17217
.04	216	160	107	74	127	52	27	11	13	1							10.25 - 1	788	3465	3556	17217
.03	227	134	90	63	95	43	24	3	8								8.25 - 1	687	2665	2746	17217
.02	197	89	69	45	70	33	12	1	3	1							7.25 - 1	519	1806	1854	17217
.01	95	40	41	20	40	18	4	1	1								6.00 - 1	260	916	932	17217

DAYS INTERVAL BETWEEN EVENTS

3 — 58.5N 151.6W

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15																				17216	17219
.14																				17209	17219
.13											2	1	1				71.75 - 1	4	712	17197	17219
.12	3	2			1	2	2	1	8	7	5	8	2	1			165.25 - 1	42	3570	17103	17219
.11	13	4	2	6	10	8	8	3	29	29	17	17	1	2			178.00 - 1	149	8802	16696	17219
.10	36	26	19	11	43	28	26	25	79	56	12	7		5			158.25 - 1	373	11979	15624	17219
.08	131	73	79	73	195	112	71	41	72	24	3	3	2				73.00 - 1	885	10326	11150	17219
.06	198	136	133	88	202	117	55	28	43	9	3						26.75 - 1	1012	7002	7182	17219
.05	242	181	111	84	177	86	49	18	27	5	2						25.50 - 1	982	5527	5662	17219
.04	261	183	131	76	166	74	30	12	21	2							11.50 - 1	956	4430	4520	17219
.03	266	193	101	60	147	60	18	9	13	1							11.25 - 1	868	3519	3566	17219
.02	281	155	77	45	104	42	13	3	8								10.00 - 1	728	2414	2454	17219
.01	205	96	52	35	61	19	5	3	4								7.25 - 1	480	1479	1498	17219

DAYS INTERVAL BETWEEN EVENTS

5 — 56.8N 141.9W

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15																				17219	17219
.14											1						28.25 - 1	1	113	17213	17219
.13					1	1			1	3	1	3	1	1			123.75 - 1	12	1537	17172	17219
.12	3	2	5	1	4	6	2	4	9	12	8	11	2	1	1		208.25 - 1	71	5727	16987	17219
.11	22	8	15	8	27	12	16	10	43	26	15	15		2	2		189.50 - 1	221	10075	16351	17219
.10	42	21	22	17	55	58	39	20	85	45	9	8	1	3			157.25 - 1	425	10992	15047	17219
.08	109	89	92	65	169	86	63	34	77	30	7	5					45.00 - 1	826	9625	10338	17219
.06	216	142	107	85	199	86	51	38	38	11	2						21.00 - 1	975	6513	6732	17219
.05	232	154	119	78	188	80	33	21	26	7							13.75 - 1	938	5146	5266	17219
.04	241	167	108	81	171	67	21	9	20	2							12.25 - 1	885	4034	4122	17219
.03	236	144	83	65	114	48	16	10	12								9.25 - 1	728	2968	3037	17219
.02	192	114	56	36	67	36	7	7	2								6.50 - 1	517	1789	1846	17219
.01	89	40	32	15	29	12	4	2	1								5.25 - 1	224	737	747	17219

DAYS INTERVAL BETWEEN EVENTS

6 — 54.9N 167.1W

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15																				17217	17217
.14												1					35.25 - 1	1	141	17209	17217
.13	1	1			1	1			1	3		5	1	2			124.75 - 1	16	2311	17161	17217
.12	3	1			6	1	4	3	10	17	10	18	3	1	1		230.00 - 1	78	7911	16997	17217
.11	18	10	9	5	20	21	7	15	39	45	19	9	3	2			229.50 - 1	223	10676	16437	17217
.10	59	33	24	24	92	75	46	36	93	55	7	10	2	1			120.50 - 1	557	12395	14896	17217
.08	194	118	111	84	194	113	48	39	75	21	2	2					41.25 - 1	1001	8500	9033	17217
.06	239	174	142	83	211	90	26	20	16	3							11.75 - 1	1004	4811	5016	17217
.05	285	192	116	84	146	51	21	12	10								8.75 - 1	917	3551	3674	17217
.04	292	188	100	77	107	36	16	3	6								8.50 - 1	805	2715	2796	17217
.03	273	124	85	47	70	23	10	2	4								8.25 - 1	638	1906	1964	17217
.02	177	92	43	23	49	9	5	4									5.00 - 1	402	1129	1176	17217
.01	56	37	13	11	22	4	2	2									4.75 - 1	147	459	481	17217

DAYS INTERVAL BETWEEN EVENTS

8 — 52.0N 172.9E

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15						2						3	1				63.50 - 1	8	878	17192	17219
.14					1	2		1	1	2	5	7	1				67.75 - 1	18	1885	17140	17219
.13	2	2			3	4	3	3	12	16	9	9	4	1			91.00 - 1	68	5334	17007	17219
.12	15	12	3	4	23	11	13	8	34	42	12	7	2	1	2		189.50 - 1	189	9483	16646	17219
.11	36	28	20	17	44	43	30	24	63	54	11	8	3	3			166.25 - 1	384	11956	15782	17219
.10	70	49	54	46	109	67	56	35	96	45	13	8	2	2			97.25 - 1	652	12364	14013	17219
.08	184	137	128	83	193	94	66	32	63	25	2						24.50 - 1	1007	8013	8494	17219
.06	254	147	124	89	196	66	42	26	15	3							12.75 - 1	962	4771	4853	17219
.05	320	171	106	78	140	62	24	8	7	1							11.75 - 1	917	3525	3580	17219
.04	298	156	97	70	104	42	9	4	4	1							11.75 - 1	783	2594	2625	17219
.03	249	126	72	64	74	19	6	4	1	1							11.75 - 1	616	1850	1876	17219
.02	176	74	58	32	45	10	5	1	1								6.25 - 1	402	1117	1139	17219
.01	66	30	21	8	18	4	2		1								6.25 - 1	150	428	443	17219

DAYS INTERVAL BETWEEN EVENTS

9 — 51.7N 158.8E

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15																				17211	17218
.14										3	2	1	1				74.25 - 1	7	905	17189	17218
.13	1	1	1				1	1	2	6	4	4	2	2			149.25 - 1	25	3095	17146	17218
.12	4	2	1		2	8	6	4	10	20	9	15	1	1	2		203.00 - 1	85	7346	16953	17218
.11	12	12	6	6	17	14	17	11	43	42	21	8			2		202.00 - 1	211	9124	16493	17218
.10	50	39	32	25	66	46	41	28	86	45	12	7	1	4			124.50 - 1	482	11731	15211	17218
.08	150	110	113	66	163	97	59	37	82	33	4	3					53.25 - 1	917	9553	10300	17218
.06	222	159	123	85	185	88	45	27	37	7	1						20.25 - 1	979	5833	6077	17218
.05	272	173	128	62	154	77	37	19	21	1							19.75 - 1	942	4563	4714	17218
.04	284	162	90	61	149	52	27	9	12	1							18.25 - 1	847	3535	3614	17218
.03	247	135	72	46	123	40	18	6	7	1							17.75 - 1	695	2698	2768	17218
.02	190	98	65	47	80	27	11	5	3								7.75 - 1	526	1839	1894	17218
.01	100	49	33	28	46	18	4	2									5.00 - 1	280	975	1019	17218

DAYS INTERVAL BETWEEN EVENTS

11 — 51.3N 158.8W

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15									1					1			111.25 - 1	2	471	17207	17219
.14	2				1				3	1	1	4	2	1			110.75 - 1	16	1825	17166	17219
.13	1				1	1			9	9	5	10	2	2			173.50 - 1	40	4634	17090	17219
.12	11	3	5	3	13	11	9	4	26	36	14	14	1	3			169.50 - 1	153	8993	16799	17219
.11	33	22	16	12	49	26	26	26	78	54	9	8	1	6			167.00 - 1	366	12355	15897	17219
.10	89	66	54	65	128	87	54	36	109	49	8	8	3				75.50 - 1	756	12375	13784	17219
.08	190	180	105	88	213	94	53	28	42	15	2	2					33.75 - 1	1012	7115	7418	17219
.06	241	144	115	99	171	48	24	7	17	1							10.25 - 1	867	3779	3916	17219
.05	293	155	117	67	117	37	14	6	7								5.75 - 3	813	2755	2838	17219
.04	280	153	78	65	76	21	8	3	2								5.50 - 2	686	1965	2008	17219
.03	223	111	59	47	43	15	4	3	1								5.50 - 1	506	1358	1369	17219
.02	148	68	29	20	28	9	1	2									5.00 - 1	305	764	768	17219
.01	51	10	9	5	8	3	1										4.00 - 1	87	212	214	17219

DAYS INTERVAL BETWEEN EVENTS

12 — 50.9N 145.6W

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15										1							10.75 - 1	1	43	17216	17219
.14	1									1	1	1					54.25 - 1	4	377	17204	17219
.13	4	2	1		4	1	2		4	7	5	11					55.75 - 1	41	2883	17112	17219
.12	8	2	7	2	18	12	7	14	21	30	16	7	1	1	1		250.75 - 1	147	7412	16794	17219
.11	37	28	18	15	47	36	32	30	51	48	16	7	1	4			155.50 - 1	370	11227	15801	17219
.10	104	73	62	51	119	68	51	32	87	55	8	3	3	1			94.25 - 1	717	11528	13599	17219
.08	156	141	99	70	183	83	50	26	45	25	2	1					35.50 - 1	881	6979	7234	17219
.06	208	104	88	76	141	64	29	10	17	1							10.25 - 1	738	3612	3699	17219
.05	211	127	80	62	105	33	20	7	10								10.00 - 1	655	2650	2672	17219
.04	208	92	63	43	86	27	15	3	5								8.25 - 1	542	1947	1961	17219
.03	160	80	46	41	57	15	9	2	3								7.50 - 1	413	1359	1368	17219
.02	128	40	29	22	28	10	4		3								6.75 - 1	264	785	792	17219
.01	46	21	8	7	15	6	5										3.75 - 2	108	353	354	17219

DAYS INTERVAL BETWEEN EVENTS

14 — 49.3N 174.1E

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15				1		1			1		1		1				73.75 - 1	5	435	17184	17219
.14				1	1	2	2	1	5	6	5	6	1	1	1		208.75 - 1	32	3612	17109	17219
.13	8	3		3	5	5	6	6	18	19	13	9	1	3	1		208.50 - 1	100	7460	16940	17219
.12	16	13	4	4	19	22	22	9	35	38	18	9	4	2	1		188.25 - 1	216	10647	16556	17219
.11	40	37	28	22	53	37	42	32	71	50	14	8	3	3			174.50 - 1	440	12030	15573	17219
.10	91	72	81	46	128	98	58	54	107	34	12	6	1				129.50 - 1	787	12125	13515	17219
.08	193	165	121	91	198	93	62	38	58	14	1						24.25 - 1	1032	7399	7685	17219
.06	209	155	130	85	175	76	32	14	8								9.25 - 1	964	4095	4198	17219
.05	313	179	103	62	134	47	8	8	7								9.25 - 1	861	2965	3043	17219
.04	288	135	78	54	100	31	7	1	2								9.00 - 1	694	2090	2138	17219
.03	221	84	57	51	53	22	4	2									4.25 - 2	494	1401	1426	17219
.02	133	54	42	23	36	9		1									4.25 - 1	298	786	800	17219
.01	40	22	15	6	13	2		1									4.25 - 1	99	273	277	17219

DAYS INTERVAL BETWEEN EVENTS

15 — 49.0N 128.4W

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15																				17219	17219
.14						1						1					35.00 - 1	2	150	17211	17219
.13		3			2	1			3	3	3	3	1	1			120.75 - 1	20	1892	17169	17219
.12	5	1	2	2	9	7	4	4	11	10	11	9	3				76.50 - 1	78	4669	17021	17219
.11	17	8	11	10	30	19	12	7	30	27	15	8					51.00 - 1	194	5972	16524	17219
.10	37	29	19	26	61	42	31	23	61	45	9	6		3	1		191.50 - 1	393	10349	15334	17219
.08	128	98	81	62	152	64	52	34	91	27	5	7	2				76.25 - 1	801	9903	10845	17219
.06	227	145	124	73	192	88	51	23	51	10		1					43.25 - 1	[illegible]	6597	6977	17219
.05	256	188	129	74	169	71	28	24	33	7							15.50 - 1	960	5171	5359	17219
.04	278	177	142	70	148	61	26	21	16								8.50 - 2	935	4052	4138	17219
.03	274	186	103	55	118	48	17	12	6								8.25 - 1	800	2976	3033	17219
.02	208	128	89	38	69	20	14	6	1								5.25 - 1	575	1858	1895	17219
.01	94	57	25	19	37	10	4	1									4.25 - 1	247	786	806	17219

DAYS INTERVAL BETWEEN EVENTS

17 — 45.8N 139.3E

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15																				17217	17217
.14																				17215	17217
.13																				17208	17217
.12										2		1					43.75 - 1	3	260	17196	17217
.11	5		2	2			1		5	3	2	5	2		1		207.50 - 1	28	2924	17133	17217
.10	22	5	4	2	8	4	8	4	21	31	13	12	1	1			130.75 - 1	136	6940	16838	17217
.08	151	91	65	51	176	120	80	43	72	48	7	5	2				72.75 - 1	911	11676	13375	17217
.06	218	125	164	105	295	103	49	30	62	15							18.75 - 1	1166	8033	8324	17217
.05	289	238	144	115	228	87	39	32	40	6							18.50 - 1	1214	6497	6656	17217
.04	365	264	156	113	206	74	31	19	25	2							11.50 - 1	1233	5336	5408	17217
.03	277	228	153	92	188	64	20	18	16								8.00 - 2	1175	4546	4611	17217
.02	367	233	144	94	142	59	22	8	5								8.00 - 1	1076	3674	3718	17217
.01	317	186	123	87	128	51	20	8	4								8.00 - 1	922	3216	3247	17217

DAYS INTERVAL BETWEEN EVENTS

18 — 45.6N 144.2W

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15											1						27.75 - 1	1	111	17213	17218
.14	1				1	1			1	1	2						28.00 - 1	7	318	17201	17218
.13		1			2	1	1	2	4	5	3	9		1			105.75 - 1	29	2623	17134	17218
.12	9	3	2		12	12	11	6	18	28	10	7	1	1	1		203.25 - 1	121	6115	16859	17218
.11	18	21	21	13	55	37	26	27	59	33	7	8	1	2	1		196.75 - 1	329	9638	15950	17218
.10	87	44	54	41	132	64	46	34	78	39	10	9	2	2			127.25 - 1	642	11585	13920	17218
.08	128	89	85	54	168	77	49	27	57	21	5	3					35.75 - 1	752	7352	7727	17218
.06	165	113	89	83	137	67	26	17	24	3	1						22.75 - 1	727	4139	4266	17218
.05	211	119	86	50	114	49	18	16	9	3							11.25 - 1	671	3035	3112	17218
.04	167	103	69	52	93	30	18	12	4	1							10.25 - 1	549	2266	2314	17218
.03	160	72	59	40	70	25	10	6	2	1							10.25 - 1	445	1644	1679	17218
.02	111	45	38	25	44	14	6	2	2								9.00 - 1	287	1001	1015	17218
.01	58	29	12	10	17	10	1	1	1								6.25 - 1	139	438	448	17218

DAYS INTERVAL BETWEEN EVENTS

20 — 44.2N 152.7W

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15				1					1	1							20.00 - 1	3	123	17211	17218
.14	1			1	1	1			1	3	2						28.50 - 1	10	469	17190	17218
.13	3	2	1		2	3	3	2	8	6	3	5	5	1			162.50 - 1	44	4033	17104	17218
.12	9	2	3	3	16	16	14	14	23	32	6	7	2	3	1		230.25 - 1	151	8241	16690	17218
.11	40	23	24	25	60	40	39	23	50	42	11	9	3	3			148.75 - 1	382	10752	15864	17218
.10	107	79	50	59	128	78	55	31	84	48	12	4	3	1			112.75 - 1	739	11713	13724	17218
.08	202	98	108	86	164	81	45	25	58	20	3	1					35.00 - 1	892	7255	7584	17218
.06	208	118	88	78	148	76	20	17	24	1	1						21.50 - 1	781	4125	4245	17218
.05	221	128	92	64	111	56	12	12	12	2							13.75 - 1	710	3083	3156	17218
.04	188	117	72	63	103	31	12	1	8	2							11.75 - 1	597	2329	2379	17218
.03	178	88	60	37	79	20	11	3	2	1							10.25 - 1	479	1666	1698	17218
.02	128	61	37	24	35	13	4	2	2								6.75 - 1	306	956	979	17218
.01	51	21	10	8	14	8	2	2	1								5.50 - 1	117	406	406	17218

DAYS INTERVAL BETWEEN EVENTS

21 — 43.7N 128.7W

WAVE SLOPE	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
.15			1														0.75 - 1	1	3	17216	17219
.14		1				2					1						29.50 - 1	4	163	17209	17219
.13		1		1	2	3			2	3	2	8	2				83.00 - 1	24	2569	17158	17219
.12	7	1	3	2	11	6	8	2	7	8	10	11	2		1		187.00 - 1	79	5118	16938	17219
.11	11	12	10	10	18	16	15	5	21	29	14	6	2	1			174.50 - 1	170	6520	16692	17219
.10	43	30	17	17	50	40	25	18	58	42	6	4	3	3	1		[illegible]	357	[illegible]	15545	17219
.08	130	75	74	55	130	77	46	43	95	30	8	5	1				76.25 - 1	778	[illegible]	11076	17219
.06	208	127	97	80	190	117	63	38	43	10							15.50 - 1	967	6620	[illegible]	17219
.05	289	178	102	90	213	76	45	22	20	4							14.25 - 1	1012	5191	5274	17219
.04	321	171	102	75	179	55	31	16	11								8.50 - 1	961	[illegible]	4020	17219
.03	280	138	82	82	128	40	25	5	4								8.25 - 1	792	[illegible]	[illegible]	17219
.02	211	107	67	48	90	25	9	1	3								8.25 - 1	561	1611	1651	17219
.01	92	48	24	16	35	10	2	3									4.25 - 1	230	714	724	17219

DAYS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) INTERVALS (Cont'd)

22 — 42.8N 167.5W

23 — 42.4N 172.1E

25 — 40.2N 131.2E

26 — 39.5N 153.8E

28 — 36.1N 123.8W

29 — 35.9N 171.0W

31 — 35.6N 155.2W

32 — 35.4N 142.0W

34 — 34.2N 155.1E

35 — 34.2N 163.8E

37 — 32.9N 119.4W

38 — 31.5N 127.7W

40 — 29.6N 165.0W

41 — 29.4N 134.9E

WAVE SLOPE α: ≥.15, ≥.14, ≥.13, ≥.12, ≥.11, ≥.10, ≥.08, ≥.06, ≥.05, ≥.04, ≥.03, ≥.02, ≥.01

DAYS INTERVAL BETWEEN EVENTS: .25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞ MAX TE T Te TH

.5W

23 42.4N 172.1E

24 41.0N 134.9W

2E

26 39.5N 153.8E

27 36.2N 127.4W

.8W

29 35.9N 171.0W

30 35.7N 176.1E

.2W

32 35.4N 142.0W

33 34.6N 145.9E

1E

35 34.2N 163.8E

36 33.7N 123.9E

4W

38 31.5N 127.7W

39 29.9N 177.3W

0W

41 29.4N 134.9E

42 28.6N 139.2W

WAVE SLOPE ≥.15 ≥.14 ≥.13 ≥.12 ≥.11 ≥.10 ≥.08 ≥.06 ≥.05 ≥.04 ≥.03 ≥.02 ≥.01

.25 .5 .75 1 2 3 4 5 10 20 30 60 90 180 360 ∞ MAX TE T T* TH

DAYS INTERVAL BETWEEN EVENTS

2

ANNUAL WAVE SLOPE (α)

DAYS INTERVAL BETWEEN EVENTS

43 28.2N 125.9E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17219	17219
≥.14																				17219	17219
≥.13																				17219	17219
≥.12											1	1					56.75-1	2	332	17210	17219
≥.11	6				1					2	3	4		1	1		307.75-1	18	2742	17163	17219
≥.10	21	7	4	1	10	8	3	7	20	26	17	6	3		1		186.25-1	134	6737	16704	17219
≥.08	110	37	37	25	114	76	44	34	86	50	9	12	1				65.50-1	635	11534	13264	17219
≥.06	253	183	71	50	203	109	59	51	70	19	2						25.75-1	970	8159	8598	17219
≥.05	264	111	128	63	200	104	51	34	50	8	1						23.50-1	1014	6758	7032	17219
≥.04	331	152	123	98	187	79	43	22	33	4							12.25-1	1072	5441	5626	17219
≥.03	307	172	127	95	181	67	37	18	18	2							11.50-2	1004	4515	4640	17219
≥.02	312	152	117	80	124	52	22	9	11	2							11.00-2	881	3450	3510	17219
≥.01	233	109	74	54	102	26	16	2	7	2							11.00-2	624	2305	2348	17219

44 27.9N 150.7E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17218	17218
≥.14																				17218	17218
≥.13																				17218	17218
≥.12	1																0.25-1	1	1	17215	17218
≥.11	2					1				1	1	2					48.75-1	7	538	17192	17218
≥.10	2	3		1	2	4	1	2	4	5	2	7	3	4			174.75-1	40	4686	17074	17218
≥.08	59	24	19	11	71	51	37	34	69	47	23	9	3	2			101.50-1	459	12372	15196	17218
≥.06	192	98	79	76	208	133	68	51	91	29	4	3					37.00-1	1032	10436	11336	17218
≥.05	311	140	143	89	257	127	72	39	61	20	4						24.00-1	1263	9007	9426	17218
≥.04	384	209	170	110	265	114	53	29	41	9							13.50-1	1384	7415	7659	17218
≥.03	436	229	169	110	236	74	38	21	30	4							12.50-1	1347	5982	6123	17218
≥.02	428	204	122	87	178	46	21	10	17	1							10.25-1	1114	4147	4247	17218
≥.01	219	105	57	43	83	19	6	4	2								6.00-1	538	1701	1730	17218

46 26.1N 170.8E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17220	17220
≥.14																				17220	17220
≥.13																				17220	17220
≥.12																				17220	17220
≥.11																				17219	17220
≥.10	6	2	1		2	2	1		2	1	2	3	2				76.75-1	24	1374	17137	17220
≥.08	57	28	21	21	41	28	20	20	60	44	20	14	2	1			103.25-1	379	11818	15367	17220
≥.06	238	78	78	52	180	100	64	38	99	39	4	1					30.50-1	969	10174	11091	17220
≥.05	288	124	102	77	211	107	61	31	82	22	1						24.00-1	1117	8597	9104	17220
≥.04	344	187	118	77	245	96	50	27	55	9							17.50-1	1208	7061	7312	17220
≥.03	373	180	129	96	198	83	42	24	30	6							17.50-1	1156	5727	5853	17220
≥.02	353	166	117	73	154	57	32	20	14	2							13.00-1	988	4093	4166	17220
≥.01	182	89	69	29	71	27	15	6	6								6.00-1	494	1860	1882	17220

47 25.0N 119.4W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17219	17219
≥.14																				17219	17219
≥.13																				17219	17219
≥.12																				17219	17219
≥.11																				17218	17219
≥.10																				17212	17219
≥.08	29	10	8	5	16	11	6	5	38	29	12	20	5	3			171.50-1	197	10467	16643	17219
≥.06	346	124	77	46	161	104	67	62	125	36	4						23.00-1	1152	11050	11739	17219
≥.05	495	170	138	71	211	119	73	54	81	12							19.25-1	1422	8954	9282	17219
≥.04	545	192	146	84	229	123	55	36	40	3							11.75-1	1453	7035	7205	17219
≥.03	492	174	142	85	195	95	43	17	17								9.25-1	1260	5154	5264	17219
≥.02	315	148	78	57	135	36	16	6	7								8.50-1	798	2796	2858	17219
≥.01	150	64	40	34	67	17	5	5									6.00-1	383	1316	1356	17219

49 22.6N 128.0E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17220	17220
≥.14																				17220	17220
≥.13																				17213	17220
≥.12		1									1						22.00-1	2	90	17201	17220
≥.11	4		1							1	3		1				69.50-1	10	615	17145	17220
≥.10	27	7	4	4	5	7	3	4	12	20	10	13	2	3			161.50-1	121	6751	16813	17220
≥.08	128	39	37	23	98	53	37	27	63	54	12	12					52.50-1	583	10599	13205	17220
≥.06	205	76	66	47	151	75	58	35	73	33	6						28.50-1	825	8285	8905	17220
≥.05	290	111	95	70	171	87	50	28	59	18	1						21.50-1	980	6952	7316	17220
≥.04	358	149	105	66	186	88	44	23	39	7							17.25-1	1061	5736	5886	17220
≥.03	353	144	106	74	172	63	33	15	22	4							13.75-1	986	4505	4590	17220
≥.02	301	129	91	54	127	54	10	9	10	1							10.50-1	781	2985	3037	17220
≥.01	184	66	43	29	59	14	7	2	5								10.00-1	409	1335	1371	17220

50 21.7N 162.7W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17220	17220
≥.14																				17220	17220
≥.13																				17219	17220
≥.12																				17219	17220
≥.11																				17217	17220
≥.10			1									2			1		290.00-1	4	1482	17196	17220
≥.08	111	36	28	21	44	27	28	14	62	46	11	11	4	1			108.75-1	444	10374	15692	17220
≥.06	311	106	75	48	127	93	61	52	82	39	2						23.75-1	996	9245	10221	17220
≥.05	394	129	86	64	160	117	61	40	67	13	1	1					40.75-1	1133	7753	8229	17220
≥.04	478	138	97	67	202	104	44	29	37	5							17.50-1	1201	6029	6344	17220
≥.03	451	166	111	75	190	76	40	18	15	1							12.50-1	1143	4718	4947	17220
≥.02	440	142	123	61	142	40	28	10	8								7.50-2	994	3387	3507	17220
≥.01	305	115	81	28	94	21	9	5	2								6.00-1	660	1924	1979	17220

52 19.2N 127.8W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17219	17219
≥.14																				17219	17219
≥.13																				17219	17219
≥.12									1								4.50-1	1	18	17217	17219
≥.11	2							2									5.00-1	4	40	17209	17219
≥.10	3	1					1	1					3	1	1		183.25-1	11	2051	17157	17219
≥.08	142	53	37	26	67	56	31	45	89	62	14	10	1	1			118.50-1	634	12686	14844	17219
≥.06	471	175	120	66	180	94	59	32	40	7	1						26.75-1	1255	6616	6750	17219
≥.05	527	150	112	63	135	67	43	10	22	3							15.00-1	1132	4485	4583	17219
≥.04	471	148	79	55	116	47	29	4	11								9.25-1	960	3183	3255	17219
≥.03	359	113	70	45	79	36	14	1	5								8.25-1	722	2171	2204	17219
≥.02	238	85	49	31	48	15	7										4.25-1	474	1237	1248	17219
≥.01	77	20	16	10	12	2	1										3.50-1	138	311	314	17219

53 18.5N 120.7E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17219	17220
≥.14															1		284.75-1	1	1139	17212	17220
≥.13	1	1	1				1		3	1	1		1	2			150.00-1	12	1712	17181	17220
≥.12	7	1		1	3		1		4	2	3	4	1	3			161.75-1	30	3361	17111	17220
≥.11	20	11	4		6	2	9	5	17	13	5	11	3	3			151.00-1	109	6141	16855	17220
≥.10	88	27	25	12	29	30	15	14	44	34	5	12	3	3			136.25-1	341	9171	15736	17220
≥.08	188	73	33	36	88	65	38	27	58	35	10	9		1			102.25-1	661	9413	11244	17220
≥.06	274	81	76	41	117	64	32	25	65	38	4	2					32.25-1	819	7655	8121	17220
≥.05	326	144	89	43	159	85	30	34	52	18	3						26.50-1	983	6605	6862	17220
≥.04	387	152	95	65	175	77	37	21	39	8	2						28.50-1	1058	5724	5882	17220
≥.03	349	149	117	65	164	75	35	12	22	7	1						28.25-1	996	4797	4926	17220
≥.02	347	141	112	62	120	55	24	11	10	5							15.50-1	887	3581	3643	17220
≥.01	231	86	68	35	78	29	16	7	9								9.00-1	559	2126	2147	17220

55 17.6N 138.5E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17219	17219
≥.14																				17218	17219
≥.13																				17213	17219
≥.12														2			121.75-1	2	877	17195	17219
≥.11	8	1	1			1	1		2	1	5	6	3	5			154.25-1	34	5115	17113	17219
≥.10	21	10	4	4	9	4	2	8	14	17	8	15	3	5			154.75-1	124	8724	16651	17219
≥.08	170	71	34	27	97	59	39	36	86	47	10	10	1	1			105.75-1	690	11339	12761	17219
≥.06	281	107	72	39	149	89	52	35	63	28	3						25.25-1	918	7651	8164	17219
≥.05	353	122	95	62	142	80	52	27	42	22							17.25-1	987	6348	6547	17219
≥.04	360	151	94	70	151	70	43	16	37	7							12.75-2	979	5145	5251	17219
≥.03	297	142	77	72	145	58	44	10	20	2							11.00-1	867	4071	4133	17219
≥.02	237	136	79	48	102	61	18	7	10								9.50-1	698	2867	2906	17219
≥.01	128	77	41	21	68	21	5	2	6								8.50-1	369	1407	1426	17219

56 17.6N 111.5W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17213	17213
≥.14																				17213	17213
≥.13																				17212	17213
≥.12												1					59.75-1	1	239	17209	17213
≥.11		1					1					2					55.25-1	4	440	17195	17213
≥.10	5	2		1	1	2	1		1			2				1	400.00-1	16	2068	17153	17213
≥.08	41	19	15	4	18	19	7	11	22	42	14	18	8	1			112.00-1	239	10745	16482	17213
≥.06	310	112	79	51	153	113	77	56	113	52	9	1					30.25-1	1126	12231	13195	17213
≥.05	486	185	127	89	278	144	77	42	76	29	2						22.00-1	1535	10429	10980	17213
≥.04	714	260	190	115	295	117	65	40	48	8							15.75-1	1852	8669	8918	17213
≥.03	747	266	195	129	285	89	55	26	26	3							13.75-2	1803	7031	7235	17213
≥.02	661	283	171	120	196	77	23	15	12	1							10.50-1	1557	5181	5248	17213
≥.01	386	162	94	63	127	30	14	9	4	1							10.25-1	890	2865	2898	17213

58 14.5N 127.7E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17216	17216
≥.14																				17216	17216
≥.13	1																0.25-1	1	1	17213	17216
≥.12	1	1															0.50-1	2	3	17204	17216
≥.11	3	2	2									1	2	1			149.25-1	11	1372	17156	17216
≥.10	15	6	4	3	2	4	3	1	10	7	9	11	2	1			147.75-1	78	4698	16851	17216
≥.08	118	45	33	17	51	33	29	20	56	25	19	10	2	3			125.00-1	459	10304	11797	17216
≥.06	282	115	52	44	110	68	38	21	68	47	12	2					40.75-1	860	9339	10165	17216
≥.05	300	188	102	47	168	80	55	12	63	12	2	1					32.25-1	968	8112	8543	17216
≥.04	368	162	111	71	188	95	41	19	60	17	1						23.25-1	1112	6958	7206	17216
≥.03	353	128	129	60	170	78	35	24	47	8							14.75-1	1047	5691	5851	17216
≥.02	308	180	118	63	158	49	27	13	26	2							12.75-1	982	4095	4217	17216
≥.01	188	77	79	36	85	34	17	10	13	1							10.50-1	538	2397	2439	17216

59 14.0N 160.6W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17220	17220
≥.14																				17220	17220
≥.13																				17220	17220
≥.12																				17220	17220
≥.11																				17217	17220
≥.10			1										1				88.00-1	2	356	17199	17220
≥.08	103	53	30	16	43	25	26	17	63	37	23	13	1	3			138.50-1	453	11585	15308	17220
≥.06	375	131	117	62	145	91	47	35	59	21	3						27.00-1	1086	7389	7972	17220
≥.05	427	141	121	55	139	71	43	27	38	7	1						21.25-1	1064	5401	5653	17220
≥.04	500	137	111	43	123	51	26	15	20	1							10.25-1	1027	3771	3911	17220
≥.03	382	136	63	34	97	35	24	6	6								8.75-1	783	2543	2620	17220
≥.02	247	69	38	26	55	21	9	3	1								5.25-1	467	1350	1391	17220
≥.01	62	18	16	9	10	5	1										3.25-1	121	313	322	17220

61 12.0N 156.7E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17220	17220
≥.14																				17220	17220
≥.13																				17219	17220
≥.12																				17219	17220
≥.11																				17217	17220
≥.10	3		1						2	1	1	4	1				67.75-1	13	1231	17160	17220
≥.08	120	30	33	14	48	32	26	12	43	51	9	7	2	3			151.00-1	430	9673	15240	17220
≥.06	438	108	[illegible]	[illegible]	111	72	45	25	71	26	8	1					44.75-1	1009	8291	9680	17220
≥.05	476	128	[illegible]	[illegible]	171	55	35	25	45	22	6	1					31.75-1	1039	6655	7494	17220
≥.04	[illegible]	[illegible]	113	41	[illegible]	48	28	26	47	18	2						23.75-1	986	5465	5780	17220
≥.03	376	[illegible]	80	42	[illegible]	47	22	23	30	8	1						21.00-1	808	4056	4201	17220
≥.02	257	74	61	29	[illegible]	40	19	12	19	2							11.00-1	574	2646	2730	17220
≥.01	100	42	20	22	[illegible]	19	6	7	7								9.50-1	255	1175	1185	17220

62 4.1N 106.7E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T∞	TH
≥.15																				17201	17201
≥.14																				17201	17201
≥.13																				17201	17201
≥.12																				17201	17201
≥.11																				17200	17201
≥.10									1	1							20.00-1	2	105	17193	17201
≥.08	4	2	1		5	1	1		2	3		1					34.00-1	21	481	17022	17201
≥.06	27	13	7	6	17	6	3	3	4	9	3	3	2				85.00-1	103	2289	16593	17201
≥.05	43	14	19	5	17	10	11	4	20	13	4	8	1		2		223.50-1	171	5396	16062	17201
≥.04	51	35	23	16	32	16	14	15	32	28	5	10	1	2	1		186.00-1	241	7704	14540	17201
≥.03	63	22	23	25	40	30	16	23	40	23	8	5	2	4			117.75-1	324	7984	12272	17201
≥.02	77	51	42	23	64	32	31	18	44	22	6	5	2	3			110.25-1	422	7751	10342	17201
≥.01	51	45	37	19	57	30	21	19	43	28	6	9	1	1			67.25-1	386	6755	7870	17201

WAVE SLOPE (α) INTERVALS (Cont'd)

44 — 27.9N 150.7E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17218	17218
≥.14																				17218	17218
≥.13																				17218	17218
≥.12	1																0.25-1	1	1	17216	17218
≥.11	2					1				1	1	2					48.75-1	7	538	17192	17218
≥.10	2	3		1	2	4	1	2	4	5	2	7	3	4			74.75-1	40	4686	17074	17218
≥.08	59	24	19	11	71	51	37	34	69	47	23	9	3	2			101.50-1	459	12372	15196	17218
≥.06	192	98	79	76	208	133	68	51	91	29	4	3					37.00-1	1032	10436	11336	17218
≥.05	311	140	143	89	257	127	72	39	61	20	4						24.00-1	1263	9002	9426	17218
≥.04	386	209	170	110	265	114	53	29	41	9							12.50-1	1384	7131	7659	17218
≥.03	436	229	169	110	238	74	38	21	30	4							12.50-1	1347	5982	6172	17218
≥.02	428	204	122	87	178	46	21	10	17	1							10.25-1	1114	4147	4247	17218
≥.01	219	105	57	43	83	19	6	4	2								6.00-1	538	1701	1730	17218

DAYS INTERVAL BETWEEN EVENTS

45 — 27.8N 145.6W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17219	17219
≥.14																				17219	17219
≥.13																				17219	17219
≥.12																				17218	17219
≥.11					1		1						1	1			64.50-1	4	425	17186	17219
≥.10	4	3		1	5	2		2	6	6	5	2		3			108.75-1	39	2531	17085	17219
≥.08	72	37	20	11	55	33	26	25	61	41	13	11					56.50-1	405	[illegible]	[illegible]	17219
≥.06	296	105	80	54	156	86	48	40	103	21	4	1					41.25-1	844	[illegible]	[illegible]	17219
≥.05	333	111	79	56	162	87	66	40	60	13							23.75-1	1018	[illegible]	7734	17219
≥.04	355	129	95	27	186	86	57	26	38	3							[illegible]	[illegible]	[illegible]	[illegible]	17219
≥.03	357	133	112	57	187	76	36	19	5								11.75-1	927	[illegible]	[illegible]	17219
≥.02	298	121	82	52	148	52	24	15	8								7.25-1	801	[illegible]	[illegible]	17219
≥.01	170	67	37	44	72	23	8	3	4								6.00-1	428	1520	1547	17219

DAYS INTERVAL BETWEEN EVENTS

47 — 25.0N 119.4W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17219	17219
≥.14																				17219	17219
≥.13																				17219	17219
≥.12																				17219	17219
≥.11																				17218	17219
≥.10																				17212	17219
≥.08	29	10	8	5	16	11	6	5	38	29	12	20	5	3			171.50-1	197	10467	16643	17219
≥.06	346	124	77	46	161	104	67	62	125	36	4						23.00-1	1152	11050	11739	17219
≥.05	495	170	136	73	211	119	73	54	81	12							19.25-1	1422	8954	9282	17219
≥.04	549	192	146	84	226	122	55	36	40	3							11.75-1	1453	7035	7200	17219
≥.03	492	174	142	85	192	95	43	17	9								9.25-1	1260	5154	5264	17219
≥.02	315	148	81	57	135	38	16	6									8.50-1	798	2796	2858	17219
≥.01	120	64	40	34	67	15	5	1									6.00-1	383	1316	1356	17219

DAYS INTERVAL BETWEEN EVENTS

48 — 23.5N 151.8W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17220	17220
≥.14																				17220	17220
≥.13																				17220	17220
≥.12																				17220	17220
≥.11																				17220	17220
≥.10	1			1	1				2	2		3	2				81.25-1	12	1233	[illegible]	17220
≥.08	75	28	19	11	47	22	22	22	49	45	16	11		1			103.00-1	378	9349	15267	17220
≥.06	250	122	76	40	133	102	65	39	83	29	1	1					56.25-1	1041	[illegible]	9424	17220
≥.05	336	127	91	55	178	111	57	24	56	11							22.75-1	1104	6832	7109	17220
≥.04	423	167	101	65	201	84	34	18	15	1							13.00-1	1122	5014	5148	17220
≥.03	370	156	99	66	165	55	16	12	10	1							12.50-1	950	3561	3650	17220
≥.02	300	131	60	42	103	26	11	4	3	1							11.00-1	681	2146	2190	17220
≥.01	131	41	16	19	42	10	1	2									6.50-1	262	778	798	17220

DAYS INTERVAL BETWEEN EVENTS

50 — 21.7N 162.7W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17220	17220
≥.14																				17220	17220
≥.13																				17219	17220
≥.12																				17219	17220
≥.11																				17217	17220
≥.10															1		290.00-1	4	1482	17196	17220
≥.08	36	28	21	44	27	28	14	62	46	1	1	4	1				108.75-1	444	10374	15682	17220
≥.06	211	108	55	48	127	87	61	52	82	39	2						23.75-1	936	9245	10031	17220
≥.05	386	128	86	54	190	117	61	40	57	11							20.75-1	1133	7795	8229	17220
≥.04	478	138	97	67	202	109	44	29	37	5							17.50-1	1201	6029	6344	17220
≥.03	451	166	111	75	190	76	40	18	15	1							12.50-1	1143	4718	4947	17220
≥.02	440	162	123	61	142	40	28	10	8								7.50-2	994	3387	3507	17220
≥.01	305	115	8	28	94	21	9	5	2								6.00-1	660	1924	1979	17220

DAYS INTERVAL BETWEEN EVENTS

51 — 20.5N 177.1W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17220	17220
≥.14																				17220	17220
≥.13																				17220	17220
≥.12																				17220	17220
≥.11																				17218	17220
≥.10	6											3			1		230.75-1	11	1481	17170	17220
≥.08	66	25	14	14	41	19	16	13	59	60	17	14	6				80.50-1	364	[illegible]	[illegible]	17220
≥.06	270	95	82	53	127	86	76	46	69	32	4						29.50-1	900	[illegible]	[illegible]	17220
≥.05	338	111	78	52	174	92	78	33	61	12							17.00-1	1029	[illegible]	7431	17220
≥.04	395	125	97	60	171	110	47	28	27	2							11.50-1	1062	[illegible]	5597	17220
≥.03	353	144	95	58	168	79	28	15	11	1							11.25-1	892	3963	4072	17220
≥.02	249	92	86	49	131	42	13	4	4								8.75-1	670	2514	2576	17220
≥.01	118	53	35	29	44	15	1										5.50-1	300	958	983	17220

DAYS INTERVAL BETWEEN EVENTS

53 — 18.5N 120.7E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17219	17220
≥.14	[illegible]																284.75-1	1	1139	17212	17220
≥.13	[illegible]																50.00-1	12	1712	17181	17220
≥.12	[illegible]																161.75-1	30	3361	17111	17220
≥.11	20		4	[illegible]													151.00-1	109	6140	16855	17220
≥.10	88	27	25	12	29	30	18	14	44	34	5	12	3	3			36.25-1	231	9171	15736	17220
≥.08	188	73	37	36	88	61	39	27	58	31	10	2					102.25-1	517	11356	12744	17220
≥.06	174	81	73	43	117	62	38	26	65	38	4	2					32.25-1	819	7855	8574	17220
≥.05	326	144	85	43	159	85	30	34	52	18	3						28.50-1	981	6605	6862	17220
≥.04	387	152	95	65	175	77	37	21	31	8	2						28.50-1	1058	5724	5882	17220
≥.03	349	149	117	65	166	75	35	12	22	7	1						28.25-1	936	4797	4926	17220
≥.02	347	141	112	62	120	55	24	10	5								15.50-1	883	[illegible]	[illegible]	17220
≥.01	231	86	68	35	78	21	7	9									9.00-1	559	2126	2147	17220

DAYS INTERVAL BETWEEN EVENTS

54 — 18.2N 168.8E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17218	17219
≥.14		1															0.50-1	1	2	17217	17219
≥.13		1															0.50-1	1	1	17216	17219
≥.12																				17209	17219
≥.11															1		93.50-1	2	404	17176	17219
≥.10	5	2	1	2	3	2	2		6	4	3	6	3	1			109.50-1	40	3166	[illegible]	17219
≥.08	141	49	31	13	55	28	35	15	79	51	19	9	2	1			29.00-1	528	10935	14167	17219
≥.06	323	89	66	51	144	81	68	55	85	20	2						23.75-1	984	8213	8553	17219
≥.05	355	115	112	41	167	98	66	38	52	6							15.75-1	1030	6338	6559	17219
≥.04	397	120	108	63	176	84	47	19	20	2							15.75-1	1036	4826	4958	17219
≥.03	359	121	92	63	148	50	30	16	10	1							10.50-1	890	3566	3640	17219
≥.02	273	82	81	38	97	39	18	7	2								6.75-1	644	2246	[illegible]	17219
≥.01	116	46	35	21	39	8	1										5.00-1	271	856	873	17219

DAYS INTERVAL BETWEEN EVENTS

56 — 17.6N 111.5W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17213	17213
≥.14																				17213	17213
≥.13																				17212	17213
≥.12												1					59.75-1	1	239	17209	17213
≥.11		1					1					2					55.25-1	4	440	17195	17213
≥.10	5	2		1	1	2	1		1			2				1	400.00-1	16	2068	17153	17213
≥.08	41	19	15	4	18	19	7	11	22	42	14	18	8	1			112.00-1	239	10745	16482	17213
≥.06	310	112	79	51	153	113	77	56	113	52	9	1					30.25-1	1126	12231	13195	17213
≥.05	486	185	127	89	278	144	77	62	76	29	2						22.00-1	1535	10429	10980	17213
≥.04	714	260	190	115	296	117	65	40	48	8							15.75-1	1852	8669	8918	17213
≥.03	747	288	195	129	263	89	55	26	26	3							13.75-2	1803	7031	7235	17213
≥.02	661	283	171	120	196	77	23	15	12	1							10.50-1	1557	5181	5248	17213
≥.01	388	162	94	63	127	30	14	9	4	1							10.25-1	890	2865	2898	17213

DAYS INTERVAL BETWEEN EVENTS

57 — 14.9N 147.9E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17219	17220
≥.14																				17218	17220
≥.13																				17217	17220
≥.12	1	1										1					52.25-1	3	212	17207	17220
≥.11		1										1					51.75-1	2	209	17178	17220
≥.10	7		4	1	5		2		8	10	3	14	1	1			113.25-1	56	4303	17041	17220
≥.08	205	52	63	28	101	65	31	25	67	52	16	11	2	1			164.50-1	719	12051	14046	17220
≥.06	487	111	111	62	186	87	55	40	80	19	3		1				32.00-1	1220	8415	8986	17220
≥.05	606	155	147	69	182	91	44	37	60	5							17.25-1	1374	6808	7032	17220
≥.04	608	170	165	67	151	96	43	28	28								9.50-1	1356	5484	5596	17220
≥.03	528	175	144	57	144	65	35	15	20								8.75-1	1181	4334	4386	17220
≥.02	428	138	125	46	123	30	21	7	10								6.25-3	918	2980	3015	17220
≥.01	188	73	69	30	59	23	3	4	2								5.75-1	431	1401	1406	17220

DAYS INTERVAL BETWEEN EVENTS

59 — 14.0N 160.6W

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17220	17220
≥.14																				17220	17220
≥.13																				17220	17220
≥.12																				17220	17220
≥.11																				17217	17220
≥.10				1									1				88.00-1	2	356	17199	17220
≥.08	103	53	30	16	43	25	26	17	63	37	23	13	1	3			138.50-1	453	11585	15308	17220
≥.06	375	131	117	62	145	91	47	35	59	21	3						27.00-1	1086	7589	7972	17220
≥.05	427	141	121	55	135	71	41	27	38	7	1						21.25-1	1064	5401	5653	17220
≥.04	500	137	111	43	123	51	26	15	20	1							10.25-1	1027	3771	3911	17220
≥.03	382	138	63	34	97	35	24	6	6								8.75-1	783	2543	2620	17220
≥.02	247	69	36	26	55	21	9	3	1								5.25-1	467	1350	1391	17220
≥.01	62	18	16	9	10	5	1										3.25-1	121	313	322	17220

DAYS INTERVAL BETWEEN EVENTS

60 — 12.2N 112.6E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17220	17220
≥.14																				17220	17220
≥.13																				17220	17220
≥.12	4																3.50-1	5	18	17204	17220
≥.11	5	2			1		1	1	1	3	1	1					37.75-1	16	466	17143	17220
≥.10	13	6	7	1	6	5	2	5	10	12	2	6					48.50-1	75	2449	16826	17220
≥.08	105	45	25	18	53	17	31	14	39	24	12	8	6	2			130.00-1	399	[illegible]	[illegible]	17220
≥.06	257	95	55	24	68	53	30	20	47	35	10	9					58.50-1	703	[illegible]	10248	17220
≥.05	306	118	55	39	99	59	29	26	48	34	10	4					47.75-1	823	7825	[illegible]	17220
≥.04	321	148	70	53	98	57	38	24	59	30	3	2					32.75-1	904	6951	7418	17220
≥.03	297	140	98	45	108	62	34	18	55	24	1						25.25-1	882	6120	6362	17220
≥.02	285	111	76	53	107	65	27	16	54	8							19.50-1	798	4894	5048	17220
≥.01	217	77	55	50	94	50	30	19	36	7							19.25-1	635	3929	[illegible]	17220

DAYS INTERVAL BETWEEN EVENTS

62 — 4.1N 106.7E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				17201	17201
≥.14																				17201	17201
≥.13																				17201	17201
≥.12																				17201	17201
≥.11																				17200	17201
≥.10									1	1							20.00-1	2	105	17193	17201
≥.08	4	2	1		5	1	1		3	3		1					34.00-1	21	481	17022	17201
≥.06	27	13	7	6	17	6	3	3	4	9	3	3	2				85.00-1	103	2299	16593	17201
≥.05	43	14	19	5	17	10	1	4	20	13	4	8	1		2		223.50-1	171	[illegible]	16062	17201
≥.04	51	35	23	16	32	18	14	15	32	28	5	10	1	2	1		186.00-1	281	7704	14540	17201
≥.03	63	22	23	25	40	30	16	23	40	23	8	5	2	4			137.75-1	324	7994	12272	17201
≥.02	77	51	42	23	64	32	31	18	43	22	6	5	2	3			110.25-1	422	7745	10342	17201
≥.01	51	45	37	19	57	30	21	19	43	28	6	9	1				67.25-1	386	6755	7970	17201

DAYS INTERVAL BETWEEN EVENTS

63 — 2.1N 123.6E

WAVE SLOPE α	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥.15																				[illegible]	[illegible]
≥.14																				[illegible]	[illegible]
≥.13																				[illegible]	[illegible]
≥.12																				[illegible]	[illegible]
≥.11																				[illegible]	[illegible]
≥.10																				[illegible]	[illegible]
≥.08																				[illegible]	[illegible]
≥.06	1		1			1					1						24.25-1	4	113	17174	[illegible]
≥.05	2	1	2		1	2			1	2	2	2					36.75-1	15	417	[illegible]	[illegible]
≥.04	8	6	8		6	8	5	6	11	12	7	3					277.25-1	41	[illegible]	[illegible]	[illegible]
≥.03	34	36	24	7	22	25	20	11	42	31	10	2	1	1	1		212.50-1	267	[illegible]	[illegible]	[illegible]
≥.02	60	61	32	22	58	38	37	20	43	17	6	2	5				110.50-1	418	[illegible]	[illegible]	[illegible]
≥.01	69	44	31	17	48	32	16	10	27	27	5	3	2				[illegible]	331	[illegible]	[illegible]	[illegible]

DAYS INTERVAL BETWEEN EVENTS

APPENDIX A

SOWM DEVELOPMENT

Before 1975, FLENUMOCEANCEN relied on "singular" wave models to predict wind wave, and swell heights as well as their corresponding directions and periods. The basic weakness of the "singular" models is that they do not accurately depict the complex wave propagation in the larger oceans like the Atlantic and Pacific where several wave trains can coexist in one area at any given time.

The SOWM is a wave specification and forecasting procedure that will describe the complex frequency-direction spectrum of waves in deep water with a reasonable resolution on a grid of points over the ocean. As originally planned, there were to have been four times as many grid points and twice the angular resolution for the spectra. The computer program exists for this higher resolution model, but it is not operational. Running time and memory allocation constraints made it necessary to reduce the number of grid points and decrease the angular resolution. This coarser grid can result in a misinterpretation of sub-grid scale features and fetch.

Since the SOWM is a general purpose deep-water model, it was not designed to include effects such as refraction, diffraction, shoaling, and bottom friction. As a consequence, SOWM output should be interpreted with a great deal of care for shallow water applications. Also, there are no wave-wave or wave-current interaction mechanisms; the latter have been observed to alter the wave fields in regions of a strong current like the Aguhlas Current and the Gulf Stream.

The grid of points were laid out on gnomonic subprojections of an icosahedron (a solid whose surface is 20 equilateral triangles) so as to allow great circle propagation. For each of the 20 triangles, a gnomonic projection is used. Thus, a straight line with any orientation on any of the 20 subprojections is a great circle. On the sphere, the sides of the equilateral spherical triangle intersect at an angle of 72° and, thus, five triangles meet at a common point. On a map, the sides of the equilateral triangle meet at an angle of 60°, if each triangle is plotted as a gnomonic projection.

The triangles are not oriented in a simple way relative to the latitudes and longitudes on the Earth. Instead, the icosahedron was located so as to maximize the number of verticies on land. Fig. A1 shows the 20 triangles as their verticies and edges appear on a Miller projection[1]. Each triangle covers exactly the same area, and the marked distortion of a Miller projection is evident.

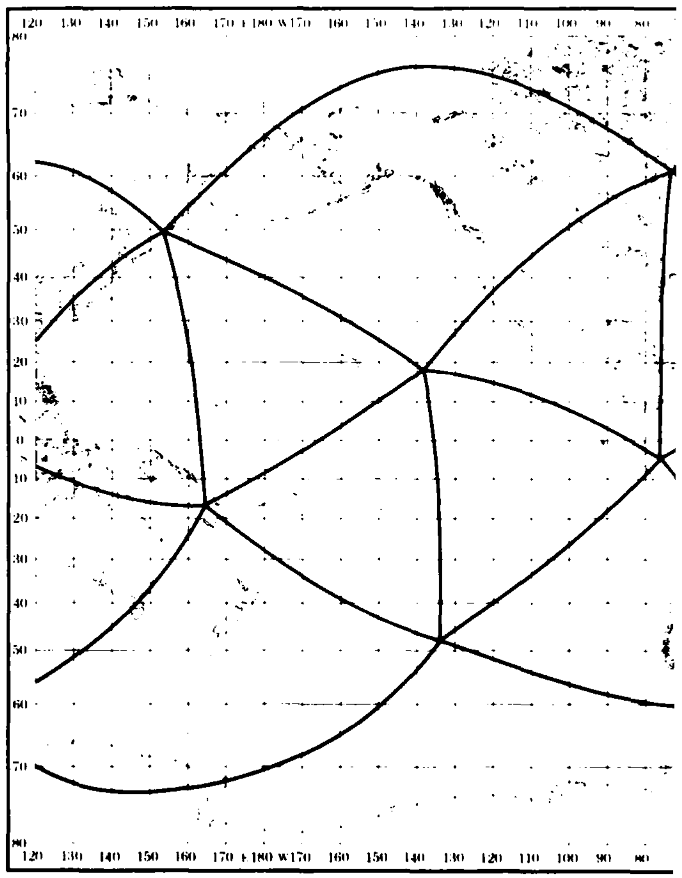


FIG. A1 The twenty equilateral triangles of

All triangles are the same size on tl

ngle of 72° and, thus, five triangles meet at a ommon point. On a map, the sides of the quilateral triangle meet at an angle of 60°, if ach triangle is plotted as a gnomonic rojection.

The triangles are not oriented in a simple ray relative to the latitudes and longitudes on he Earth. Instead, the icosahedron was located o as to maximize the number of verticies on land. Fig. A1 shows the 20 triangles as their rerticies and edges appear on a Miller projection[1]. Each triangle covers exactly the same area, and the marked distortion of a Miller projection is evident.

Two sides of a triangle form a natural set of axes for each subprojection and the grid of points at which the SOWM spectra are computed are formed by the intersections of equally spaced lines drawn parallel to the two chosen sides of each subprojection as shown in Fig. A2. Each grid point, in principle, ought to be representative of wave spectra anywhere within the hexagon surrounding the grid point.

[1] A Miller projection is a cylindrical projection similar to a Mercator projection with less exaggerated spacing of the parallels at high latitudes.

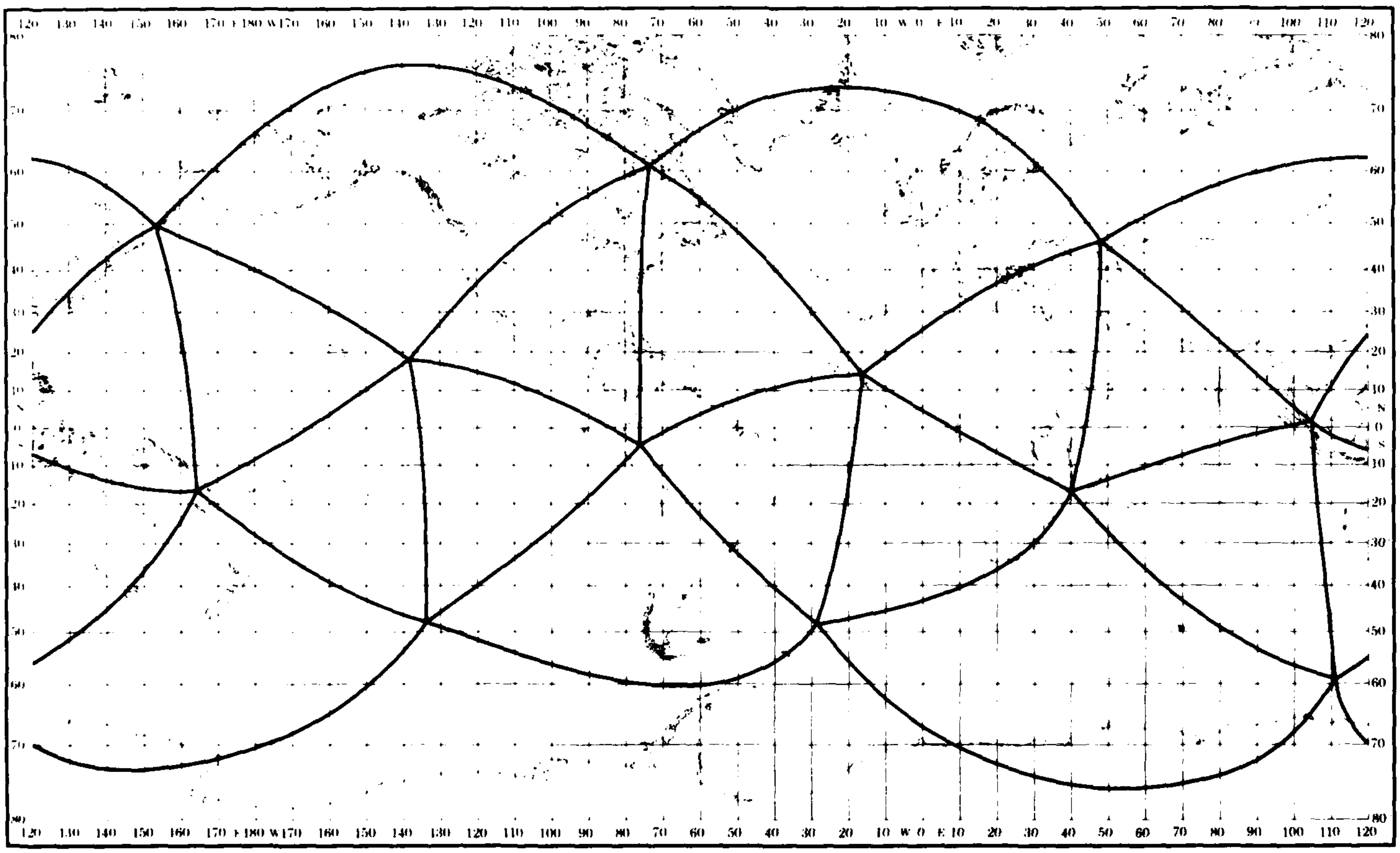


FIG. A1 The twenty equilateral triangles of the icosahedral gnomonic projection of the SOWM. All triangles are the same size on the Earth, but the Miller projection distorts them.

2

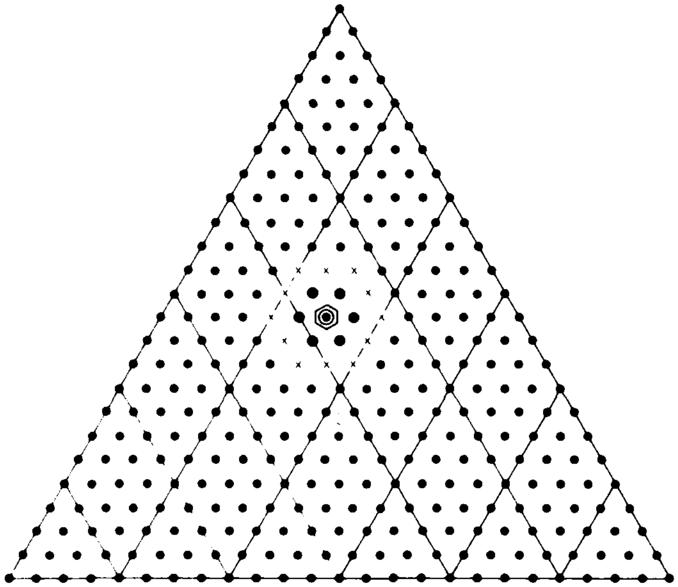


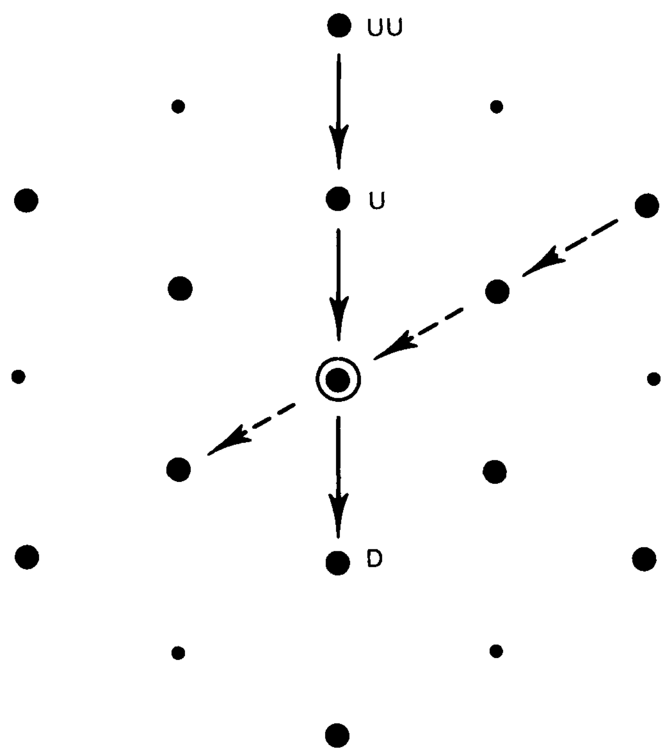
FIG. A2 The 325 grid points on a triangular gnomonic subprojection for the SOWM. Any straight line is a great circle. The hexagon around the circled dot shows the area represented by a grid point. The inner hexagon of heavy dots and the outer hexagon of X's show those grid points required to treat wave propagation effects at the circled point. (After Pierson, 1982)

The great circle property is indicated by the fact that waves can travel to a given grid point along a great circle path from any one of the six surrounding grid points, thus accounting for six of the 12 direction bands in the model. The other six direction bands have directions of travel halfway between those for each of the primary directions. These spectral components are effectively treated as if they come from a source on the inner hexagon surrounding each grid point at a point halfway between two grid points. The distance involved is thus only about 85% of the primary distance as shown in Fig. A3.

Land boundaries and a prescribed ice limit act as sinks for spectral components. Grid points just south of the equator are treated as an artificial land boundary to provide appropriate sinks for southward moving spectral components and artificially fetch limited waves for southerly winds at the equator. No swell from the Southern Hemisphere exists in the model, although they could be appreciable just north of the equator during the Southern Hemisphere winter. Also, there is no specific provision for tropical cyclones in the model.

Once the grid, the spectral resolution, and the time step are prescribed, the model can compute what the spectrum will be at each grid point x hours later, given an initial wave spectrum and the winds at all grid points at the time, $t = t_0$.

In the SOWM, this is accomplished by computing: (1) how much the wind-generated sea



SIX PRIMARY DIRECTIONS

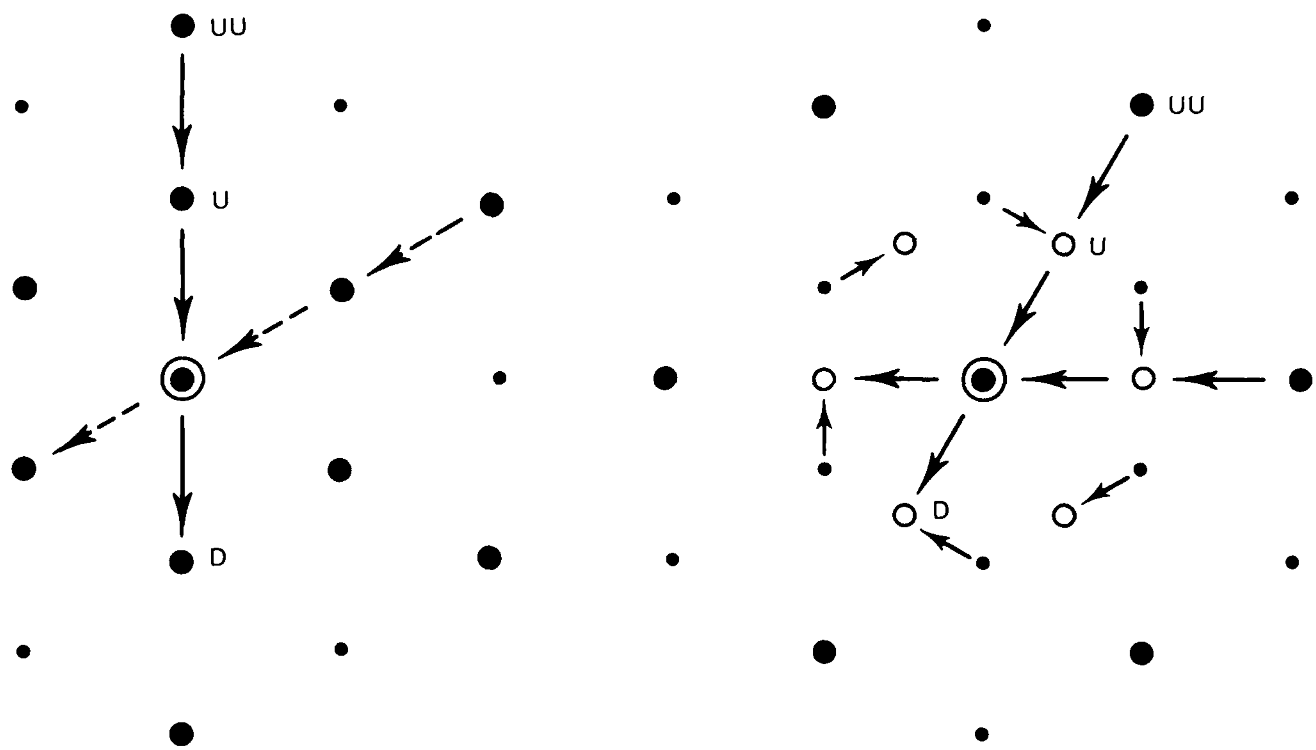
FIG. A3 Grid points involved in propagation. The large dots point a downward propagating spectral component downstream point are shown. For secondary directi at the open circles — for one time step. The shift is

erly winds at the equator. No swell Southern Hemisphere exists in the though they could be appreciable just the equator during the Southern e winter. Also, there is no specific for tropical cyclones in the model.

the grid, the spectral resolution, and step are prescribed, the model can hat the spectrum will be at each grid hours later, given an initial wave and the winds at all grid points at the t_o.

the SOWM, this is accomplished by : (1) how much the wind-generated sea will increase or grow (if at all) during the next time step at each grid point; (2) how much the waves traveling against the wind ($\pm$ 90°) will be dissipated; (3) how far each spectral component will propagate at a representative group velocity along a great circle path in x hours; and, then reassembling the spectra for the end of the time step.

For brevity, these steps are called Grow, Dissipate, and Propagate. For the SOWM hindcasts at the end of a six-hour time step, within the resolution of the model, the new spectra at the grid points represented the waves at t = t + 6 hours; new winds were then used, and the processes of Grow, Dissipate, and Propagate were repeated.



SIX PRIMARY DIRECTIONS SIX SECONDARY DIRECTIONS

Grid points involved in propagation. The large dots on the left are for the six primary directions. For the circled point a downward propagating spectral component requiring an upstream point, an upper upstream point and a downstream point are shown. For secondary directions, the points on the inner hexagon are treated as if located at the open circles – *for one time step. The shift is reversed for the next time step.* (After Pierson, 1982)

APPENDIX B

THE FIB TECHNIQUE

The FIB technique analyzes the distribution of a variable by blending measurements of the variable and its gradients, which come from different sources and locations. The program uses reports from various observation stations with estimates of reliability, and it accepts regional or whole field estimates of the parameter and its derivatives (gradient, laplacian, etc.). It checks all input data, rejects gross errors, and assembles the data. From this, it blends or analyzes to produce the optimum analysis which best fits all the information at hand. The technique also produces grid-point reliabilities of the final product. All input data are reevaluated individually by comparison with the blended analysis, which includes the interacting effects of all information that went into the analysis.

Reliability or weight is a measure of the worth of a piece of information. In every step of the FIB process, information exercises only that degree of influence specified by its reliability value at that particular stage of the analysis. The ability to compute information reliability is the key to the power of the FIB technique.

In the reanalysis of the 6-hourly pressure fields, missing fields were resolved by combining forward and backward kinematic extrapolation. In order to carry information along a time axis by kinematic extrapolation, a steering field was required. The 500 mb height field was used for this purpose. From the pressure fields, the wind fields (speed and direction) were computed using the algorithm originally developed by MII for FLENUMOCEANCEN for use in their singular sea/swell model. This wind algorithm was designed to be of maximum significance when used for wave generation.

A statistical analysis of computed wind speeds versus ship-observed wind speeds was conducted. Previous investigations had determined that the wind algorithm produced no systematic bias in wind direction. From a sample of 2.3 million wind observations from ships available from 1964-65, it was concluded that the computed wind speeds on the average were 1.8% low when compared to the ship-observed wind speeds. This difference was considered insignificant. However, it should be noted that the ocean basins were treated as a whole, thereby possibly smoothing large deviations in relatively small areas or large deviations of opposite sign. Appendix F provides additional information regarding possible biases in wind speeds.

The introduction of an operational planetary boundary layer model by FLENUMOCEANCEN in October 1975 altered the algorithm used to calculate input winds for the SOWM model. In the boundary layer model the gradient wind calculated from the pressure field is modified, using similarity theory, by surface friction and thermal stratification (U. S. Navy, 1975). The winds were calculated for two levels (64 ft and 19 ft) required for the SOWM. Previous to October 1975 thermal stratification in the boundary layer was not explicitly considered in either the hindcast or the operational wind fields (Lazanoff and Stevenson, 1975; Mendenhall, 1984). This may be important since wave growth in the SOWM is dependent upon the friction velocity (the vertical transfer of horizontal momentum) which is dependent upon stability i.e., waves grow faster when the air is colder than the water compared to warm air over cold water.

APPENDIX C

PARAMETER DERIVATIONS

The output from a SOWM hindcast includes a directional variance spectrum at each grid point as represented by 12 equally divided direction bands and 15 frequency bands of varying widths as depicted in Tables C1 and C2. The direction bands are unique for each grid point, but the frequency bands remain constant for all grid points (Table C2). The lowest possible frequency in a SOWM spectrum is 0.0390 Hz which corresponds to a period of 25.6 seconds. Conversely, the highest frequency is 0.308 Hz which corresponds to a period of 3.24 seconds. The SOWM generates 'energy variances' in each cell within the 180 element matrix from input wind fields. There is a certain amount of confusion inherent in the terminology 'energy variances' since the values within each cell are not energies. It is necessary to digress somewhat to appreciate the roots of this terminology.

In a steady Sea State the record of the waves (a continuous time series of the rise and fall of the sea surface at a point) does not

TABLE C1

AN EXAMPLE OF A DIRECTIONAL VARIANCE SPECTRUM

Wind Direction = 160° Wind Speed = 21.5 kn

Central Frequency (hz)

Direction (deg)	.308	.208	.158	.133	.117	.103	.092	.081	.072	.067	.062	.056	.050	.044	.039	Directional Total
96.6																
66.6																
36.6																
6.6																
336.6																
306.6																
276.6				.01	.06	.10	.15	.42	.15	.02		.02				.93
246.6	.04	.13	.18	.13	.13	.11	.05	.03	.01			.01				.82
216.6	.06	.20	.35	.29	.33	.18	.06	.02								1.49
186.6	.06	.20	.37	.30	.28	.01	.09	.02								1.33
156.6	.04	.14	.20	.14	.12	.01	.03	.01								.69
126.6	.03	.08		.04	.03											.18
Frequency Spectrum	.23	.75	1.10	.91	.95	.41	.38	.50	.16	.02		.03				5.44 Total (ft^2)

Derived parameters: $\bar{H}_{m_o}$ = 9.3 ft., T_p = 8.57 s., α = 0.085, PWD = 212°, ρ_c = 0.77

ighest frequency is 0.308 Hz
to a period of 3.24 seconds.
s 'energy variances' in each
80 element matrix from input
ere is a certain amount of
t in the terminology 'energy
the values within each cell are
It is necessary to digress
reciate the roots of this

Sea State the record of the
us time series of the rise and
urface at a point) does not

TRUM

n

.056	.050	.044	.039	Directional Total
.02				.93
.01				.82
				1.49
				1.33
				.69
				.18
.03				5.44 Total (ft^2)

77

repeat itself exactly from one wave to the next because the waves are a superposition of sinusoids with many different frequencies and directions of travel. Every wave record of finite length as a function of time, however, can be decomposed into harmonics. The zeroth harmonic is the mean elevation of the sea and is assumed to be zero for the analysis since the contributions from much longer periods such as the tides are constants during the time of observation. The first harmonic, is a least squares fit of a sinusoid with a period equal to the wave record with its peak positioned such that its amplitude is maximized. The first

TABLE C2

BAND NUMBER, BAND WIDTH, CENTRAL FREQUENCY (AS A FRACTION AND A DECIMAL), PERIOD, AND BANDWIDTH BOUNDS (After Pierson, 1982)

Band Number	Band Width x 180	Central Frequency	Central Frequency	Period	Lower Bound x 180	Upper Bound x 180
1	24	55.5/180	$0.3083\overline{3}$	3.24	43.5	67.5
2	12	37.5/180	$0.2083\overline{3}$	4.8	31.5	43.5
3	6	28.5/180	$0.1583\overline{3}$	6.32	25.5	31.5
4	3	24.0/180	$0.1333\overline{3}$	7.5	22.5	25.5
5	3	21.0/180	$0.1166\overline{6}$	8.57	19.5	22.5
6	2	18.5/180	$0.1027\overline{7}$	9.73	17.5	19.5
7	2	16.5/180	$0.0916\overline{6}$	10.91	15.5	17.5
8	2	14.5/180	$0.0805\overline{5}$	12.4	13.5	15.5
9	1	13.0/180	$0.0722\overline{2}$	13.85	12.5	13.5
10	1	12.0/180	$0.066\overline{6}$	15.0	11.5	12.5
11	1	11.0/180	$0.0611\overline{1}$	16.4	10.5	11.5
12	1	10.0/180	$0.055\overline{5}$	18.0	9.5	10.5
13	1	9.0/180	$0.050\overline{0}$	20.0	8.5	9.5
14	1	8.0/180	$0.044\overline{4}$	22.5	7.5	8.5
15	1	7.0/180	$0.038\overline{8}$	25.7	6.5	7.5

2

harmonic has one maximum and minimum for the entire wave record. The second harmonic has a period of one-half the wave record with its two peaks positioned such that it too has maximum amplitude. Each subsequent harmonic can be thought of as a least squares fit of a sinusoid with the number of peaks and valleys (or the period) increasing (decreasing) corresponding to the harmonic number. By adding each new harmonic to the preceding harmonics, the harmonics or the 'Fourier Series' begin to resemble the wave record. If the number of observations on the wave record is N, then N/2 harmonics will completely describe the wave record.

The average energy in the wave motion per unit area is described by:

$$E = \tfrac{1}{2}\,\rho g\, a^2 \qquad \text{(C1)}$$

where ρ is the density of the ocean water, g is the acceleration of gravity, and a is the wave amplitude. Half of the energy is kinetic, and the other half is potential.

Recalling that each wave record can be decomposed into a number of harmonics, then if the amplitude of each harmonic is squared, multiplied by ($\frac{1}{2}\rho g$), and plotted on a graph as the ordinate using the associated frequency or period of the harmonic as the abscissa, the resulting graph is a 'wave energy spectrum.' Initially it was customary to present the spectrum in this manner (World Meteorological Organization, 1976), but since the magnitude of the right-hand side of Eq. C1 is dominated by (a^2) the multiplication of (ρg) is now omitted. This is the format of the data generated in the SOWM hindcasts. Each cell in Table C1 can be summed to yield the quantity ($1/2a^2$). The omission of (ρg) transforms the 'wave energy spectrum' into an 'energy variance spectrum' or more appropriately 'variance spectrum,' since the sum of each cell in Table C1 will equal the variance of the spectrum of the wave record it is representing. Likewise, the area under a variance spectrum curve as derived from the frequency spectrum totals in Table C1 will equal the variance of the spectrum represented.

WAVE HEIGHT

In Table C1 each quantity within the cel of the table has units of ft^2, and cells withc any values contain component variances less tł 0.01 ft^2. Such small values were consider insignificant, and were not retained in t output generated from the SOWM hindcast. T total variance of each spectrum can be convert to a spectral wave height parameter (H_{m_o}) whi closely corresponds to the significant wa height ($\overline{H}_{1/3}$). The significant wave height on wave record is defined as the average height the highest one-third of the wave heights. T quantity ($\overline{H}_{1/3}$) has been shown to rough approximate the characteristic wave heig observed visually (Cartwright, 196 Nordenstrom, 1969). The spectral wave heig parameter (H_{m_o}) from Rayleigh statistics defined as:

$$H_{m_o} = 4\,(m_o)^{\frac{1}{2}} \qquad \text{(C.}$$

where m_o is the sum of the component varianc of all cells of Table C1. The quantity (m_o) commonly referred to as the moment of ord zero. The correspondence between H_{m_o} and $\overline{H}_1$ is strictly valid for a spectrum with most its energy or variance concentrated over narrow range of frequencies, but tl approximation in the cases with a broad spectrum is sufficiently close for mo practical applications (World Meteorologic Organization, 1976).

WAVE PERIOD

The choice of the modal or peak wave peri (T_p) is based upon the 'variance densities' the point spectrum. 'Variance densities' wi dimension of ft^2-sec are obtained by dividi the variances by the frequency bandwidth. the SOWM the bandwidths vary in size fr 0.00560 to 0.1333 Hz. After dividing by tl bandwidth, the energies are standardized wi respect to one another. T_p can then be obtain by choosing the central frequency, corresponding period, associated with the pe variance density. In Table C1, T_p is associat with the central frequency of 0.117 Hz, whi equates to a period of 8.5 seconds. The probl

WAVE HEIGHT

In Table C1 each quantity within the cells the table has units of ft^2, and cells without y values contain component variances less than 01 ft^2. Such small values were considered significant, and were not retained in the tput generated from the SOWM hindcast. The tal variance of each spectrum can be converted a spectral wave height parameter (H_{m_o}) which osely corresponds to the significant wave ight ($\overline{H}_{1/3}$). The significant wave height on a ve record is defined as the average height of e highest one-third of the wave heights. The antity ($\overline{H}_{1/3}$) has been shown to roughly proximate the characteristic wave height served visually (Cartwright, 1964; rdenstrom, 1969). The spectral wave height rameter (H_{m_o}) from Rayleigh statistics is fined as:

$$H_{m_o} = 4\ (m_o)^{\frac{1}{2}} \qquad \text{(C2)}$$

ere m_o is the sum of the component variances all cells of Table C1. The quantity (m_o) is mmonly referred to as the moment of order ro. The correspondence between H_{m_o} and $\overline{H}_{1/3}$ strictly valid for a spectrum with most of s energy or variance concentrated over a rrow range of frequencies, but the proximation in the cases with a broader ectrum is sufficiently close for most actical applications (World Meteorological ganization, 1976).

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WAVE SLOPE

The slope associated with very high waves is considered by many ship designers to be a major contribution to operational failures. The wave slope is often estimated using the ratio of the wave height (H) to the wave length (L). However, the relationship usually used to obtain the wave length:

$$L = 5.12T^2 \qquad \text{(C3)}$$

where T is the wave period in seconds and L is the wave length in feet is valid only when the wave is a simple periodic sine wave. Pierson (1955) clearly states that Eq. C3 does not hold for the irregular sea surface. The assumptions under which Eq. C3 was derived are violated outside of the wave tank. An alternative method of estimating the wave slope is needed. Since the SOWM provides a frequency spectrum of wave energy this information is used directly in this atlas to calculate a wave slope parameter (α).

The wave slope parameter, α, is defined by:

$$\alpha = (m_4)^{\frac{1}{2}}/g \qquad \text{(C4)}$$

where m_4 is the moment of order four (the fourth moment). The moments are defined by:

$$m_n = \sum_{i=1}^{\kappa} V_i \omega_i^{\,n} \qquad \text{(C5)}$$

where ω is the circular frequency, n is the order of the moment, V_i is a component variance, and κ is the number of frequency bands. The parameter α is the root mean square of the absolute slope at any fixed point. Cummins and Bales (1980) derived the wave slope parameter α. It should be noted that α is more strongly influenced by the shorter, higher frequency components of the spectrum than by the

2

larger, longer, but not so steep waves near the modal frequency. Thus, a "rough sea" as measured by α, does not necessarily imply a "high sea." Information regarding the significance of its range of values can be calculated from the derivation of the root mean square wave slope of a regular wave. The resulting equation is (Gentile, 1982):

$$\alpha = \frac{\pi}{\sqrt{2}} \frac{H_w}{L_w} \tag{C6}$$

where H_w is the wave height (crest to trough) and L_w is the wave length. Information in Table C3 is based upon Eq. C6.

TABLE C3

APPROXIMATE VALUES OF WAVE LENGTH TO WAVE HEIGHT FOR ASSOCIATED VALUES OF THE WAVE SLOPE PARAMETER (α)

Wave Slope Parameter (α)	Ratio Wave Length (L) to Wave Height (H)	Angle of Wave Slope $\tan^{-1}$ (H/L)
0.01	222.0	0.3°
0.02	111.0	0.5°
0.03	74.0	0.8°
0.04	55.5	1.0°
0.05	44.4	1.3°
0.06	37.0	1.5°
0.08	27.8	2.1°
0.10	22.2	2.6°
0.11	20.2	2.8°
0.12	18.5	3.1°
0.13	17.1	3.3°
0.14	15.9	3.6°
0.15	14.8	3.9°

PRIMARY WAVE DIRECTION AND DIRECTIONALITY

The primary wave direction (PWD) and t directionality (ρ_c) are two parameters which a derived from the directional spectrum totals opposed to the frequency spectrum totals. T definition of the PWD is taken directly from t FLENUMOCEANCEN's 1981 version of the operational SOWM computer program (Lazanof 1981). The PWD is determined by a multi-st process. First, the maximum variance (V_m) the directional totals is identified, where m one of the twelve directional bands. Next, t following true-false tests are performed sequence.

$$V_m > \sqrt{2}\ [\sum_{i=1}^{12} V_i]\quad i \neq m \qquad \text{(C7}$$

$$V_{m,m+1} > \sqrt{2}\ [\sum_{i=1}^{12} V_i]\quad i \neq m \qquad \text{(C8}$$

$$V_{m,m+1,m-1} > \sqrt{2}\ [\sum_{i=1}^{12} V_i]\quad i \neq m \qquad \text{(C9}$$

where i is one of the 12 directional bands, a V_{m+1} is the higher of the two adjace directional variances.

If Eq. C7 is true, then the PWD is t

MARY WAVE DIRECTION AND DIRECTIONALITY

he primary wave direction (PWD) and the onality (ρ_c) are two parameters which are d from the directional spectrum totals as d to the frequency spectrum totals. The tion of the PWD is taken directly from the CEANCEN's 1981 version of their onal SOWM computer program (Lazanoff, The PWD is determined by a multi-step s. First, the maximum variance (V_m) in ectional totals is identified, where m is the twelve directional bands. Next, the ing true-false tests are performed in ce.

$$_m > \sqrt{2} \, [\sum_{i=1}^{12} V_i] \quad i \neq m \qquad \text{(C7)}$$

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$$_{m,m+1,m-1} > \sqrt{2} \, [\sum_{i=1}^{12} V_i] \quad i \neq m \qquad \text{(C9)}$$

i is one of the 12 directional bands, and is the higher of the two adjacent ional variances.

f Eq. C7 is true, then the PWD is the direction associated with V_m. If C7 is false, Eq. C8 is tested; and thusly for Eq. C9. For the first successful test of Eq. C8 or C9, the vectors defined by the directions and variances of the quantities on the left-hand side of the inequalities are summed and the resultant direction defined as the PWD. If Eq. C9 is false, then the PWD is not defined, and a confused sea state is assumed. The methodology used for defining the PWD is somewhat arbitrary, but the technique has proved quite useful operationally (Lazanoff, 1981).

The degree of directionality is defined by:

$$\rho_c = (\rho_x^{\,2} + \rho_y^{\,2})^{1/2} \qquad \text{(C10)}$$

where

$$\rho_c = (1/m_o) \sum_{i=1}^{12} V_i \sin \Theta_i \qquad \text{(C11)}$$

$$\rho_y = (1/m_o) \sum_{i=1}^{12} V_i \cos \Theta_i \qquad \text{(C12)}$$

The angle Θ is the direction associated with the variances in the directional spectrum totals. The directionality has a value of one for an unidirectional sea state, and a value of zero when there is a completely symmetric distribution of variance around the compass. This parameter has the same properties as the 'constancy' parameter, often used in climatological wind summaries.

APPENDIX D

SOME APPLICATIONS OF CONTINGENCY TABLES

1. Question: What is the Climatological probability of having wave heights less than 20 ft at 56°N, 142°W in Autumn?

Sample Application: A war at sea exercise is planned for 10 through 19 November at 56°N, 142°W. In order to complete all phases of the exercise within the 10 day period available, at least 7 days (not necessarily consecutive) with significant wave heights less than 20 feet are needed. Based on climatology, will 10 days probably be enough time to complete all phases of the exercise?

Answer: Proceed to the Autumn wave height and wind speed contingency table for the grid point nearest to 56°N, 142°W. From Table 1 or Fig. 1 (North Pacific map) we find that this is the contingency table for sequence number 5. (For illustrative purposes the contingency table from the "Legends for Tables" is used in the following solution.) The climatological probability of having wave heights <20 ft can be found by adding the percent frequency of occurrences in the "T" or total column for wave heights <20 ft. The result is 2+3+9+14+20+17 = 65%. This means that on the average 65% of the time waves less than 20 ft will be encountered during November. Since 10 days have been allowed for the exercise on average 10 X .65 = 6.5 days will have significant wave heights less than 20 ft. Thus based on climatology, 10 days will probably not be enough time to complete the exercise. However, if the exercise period could be extended to 11 days, on average 7.2 days (.65 X 11) would have less than 20 ft waves and the exercise could probably be completed.

2. Question: How can the tables be utilized to predict the efficiency of a vessel, system, or operation, for a given area and time of the year?

Answer: Operational enhancement by environmental tuning may be realized through the following procedure:

(a) Identify the desired acceptable joint frequency of occurrence for the parameters of interest, i.e., wave height and wind direction, wave height and wave slope, etc.

(b) Extract the joint percent frequency of occurrence for the parameter(s) of interest from the appropriate contingency table for the desired time interval (month, season, or annual), for the area(s) of interest.

(c) Derive probabilities of efficiency by determining the percent of the time that the identified environmental conditions fall within the desired operable limits.

3. Question: How can the tables be used to assess how the environment may have been a contributing factor in the failure or damage of a system, operation, or equipment? (Note: This does not pertain to failures due to a specific episode, but rather to failures which result from cumulative stresses over a significant portion of the ship's "lifespan").

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Answer: Inputs to assess environmental impact on a system of operation may be gathered by:
(a) Identify the area(s), time (month) of failure or damage.
(b) Identify the wind and wave conditions which if exceeded would probably cause damage or failure.
(c) Derive the percent of occurrence of conditions, exceeding those conditions identified in Step 2, for the corresponding area(s) and time (Silver and Bales, 1983).

4. Question: How can these tables assist in ship design?

Answer: For example, U. S. Navy ship designers follow four steps when applying the information contained in this atlas to design.
(a) Define the mission of the vessel, and determine the significant wave heights in which the mission must be performed at required levels of efficiency.

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EXAMPLE

Mission	Maximum Allowable Ship Motion	Significant Wave Height
^peration of Aircraft	5^{o} roll	<13 ft (4m)
ᴗontinuous Total Mission	10^{o} roll	13-20 ft (4-6m)
Limited Operation	15^{o} roll	20-30 ft (6-9m)
Survivability	N/A	>46 ft (14m)

(b) Identify the area(s) of operation.
(c) Extract wave height percent of occurrences from the Wave Height and Modal Wave Period Contingency Table for the appropriate area(s). This can be done monthly and annually.
(d) To calculate ship responses derive the percentage of successful, limited, and unsuccessful mission operation by using the percent frequencies of occurrence of the significant wave height operating envelopes with the joint frequencies of occurrence of significant wave height and modal wave period (Bales, 1983; Comstock, Bales, and Gentile, 1982). If the percentages of success derived in Step (d) are unsatisfactory for operating specifications the designer must fine tune the vessel's hull configuration to meet the operating envelope.

5. Question: How can these tables be utilized in planning a ship trial?

Answer: Ship trial planning can be enhanced through the use of this atlas by following a procedure similar to that used by the ship designer to identify areas of the ocean likely to provoke the desired ship motions at a given time of the year.
(a) The first step is to define the seaway (upper and lower wave height limits) best suited for specific tasks of the ship trial.
(b) Identify the general geographic area of the trial.
(c) Identify the times (months) which have acceptable probability (e.g., 50%, 75%, 80%, etc.) of occurrence of the desired wave heights. Probabilities of occurrence can be derived by extracting the wave height from the wave height contingency tables.

APPENDIX E

DURATION AND INTERVAL TABLES

In the seasonal tables, durations and intervals that are underway at the beginning of a season are treated as if they began on the first day of the season. The other alternative, going backwards in time into the previous season to search for the actual beginning time, was considered less appropriate for planning purposes. When a mobile platform (ship) arrives at a location at some arbitrary time, the duration of the current episode previous to the ship's arrival is not usually important. The ship is affected only by the number of hours the episode is likely to continue for the time the ship remains in that vicinity. It is not particularly important that the beginning of a season was used for the start-up of duration or interval frequencies, whereas, actual operations may be scheduled to begin at times other than the beginning of the season; episodes are likely to occur in a near-random manner through the course of specific seasons. In terminating durations and intervals, episodes that carried beyond the end of the season were counted until they actually ended or they continued for more than one season (90 days), whichever occurred first. This prevents episodes from becoming artificially short simply due to the ending of the season. For example, if a plan calls for a ship to be at a specific location near the end of the season and remain in that vicinity for several weeks into the next season, the planner only needs to check the table for the season in which he plans to arrive and not a subsequent table for some later season.

In the summary tables covering all seasons, durations and intervals that are underway at the beginning and end of the period of record are not counted. These summary tables represent the wind or wave environment at a fixed position over the 12.5-year hindcast period. By assuming a stable climate and using appropriate statistical procedures, these tables can be used to estimate conditions which would affect a fixed platform for the expected lifetime of the platform at a fixed position.

Missing data were not replaced with estimated values. When missing data were encountered, the ongoing and subsequent episodes were excluded from the duration and interval frequencies. This tends to reduce the number of very long-duration events common to the summary tables covering all seasons. It has little effect on the statistics for shorter duration phenomena.

Definitions of column trailers in the duration and interval tables (see 'Legends for Tables') are as follows:

MAX: The maximum duration (or interval) in hours, followed by the number of times an episode of that length occurred. The abbreviation "SEA" in the seasonal tables represents episodes that lasted one season or longer.

TE: The number of events satisfying the stated criteria. An event begins with the wind speed, wave height or slope increasing to the given threshold.

TI: The number of intervals. These are episodes not satisfying the stated criteria. An interval begins with the wind speed, wave height or slope falling below the given threshold.

T: The total number of hindcasts that were included in (TE) or (TI).

T*: The total number of hindcasts that met the stated criteria. This is more than T if missing data made the duration or interval impossible to determine. It can be used to determine the probability of encountering the conditions specified (by computing T*/TH).

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T*: The total number of hindcasts that met the stated criteria. This is more than T if missing data made the duration or interval impossible to determine. It can be used to determine the probability of encountering the conditions specified (by computing T*/TH).

TH: The total number of hindcasts examined.

If the number of the 'duration of events' or 'intervals between events' exceeds 999, the symbol 'K' is used to denote thousands, and the '$\geq$' symbol is used to denote greater than or equal to. For example, $\geq$1K implies greater than or equal to 1,000 durations or intervals. In order to correctly interpret the tabulations, specific examples of the various types of duration and interval tables are provided in the 'Legends for Tables.'

When answering questions using the duration and interval tables, it is important to distinguish between questions that require the use of the number of episodes and those that require the number of hindcasts. Answers for questions regarding the percentage of time at or above, or below, certain thresholds require the use of the number of hindcasts. On the other hand, questions concerned with the percentage of episodes at or above, or below, certain thresholds demand the use of episode frequencies, where a one-day episode and a 60-day episode will each count as one episode.

The following examples are provided to illustrate applications of the tables. The numbers in the examples are extracted from the sample tables in the legends. Regardless of the type of parameter used (wind speed, wave height or slope), the procedures are not altered.

APPLICATIONS OF DURATION AND INTERVAL TABLES

1. Question: Of all the events with winds of 34 knots or more during a particular season, what percentage had durations of longer than one day?

   Sample Application: Winds have just increased to gale force (34 knots or more) at a ship's location. What is the climatological probability that the gale force winds will persist longer than one day?

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Answer: The number of events (or episodes) $\geq$34 knots is 39 (from the TE column of the duration table in the 'Legends for Tables'). The number of events of winds $\geq$34 knots lasting more than one day is 1 + 3 + 1 + 1 = 6. The percentage of events with winds $\geq$34 knots lasting one day or more is thus 6 39 X 100% = 15.4%.

2. Question: What percentage of the time during a particular season can waves greater than or equal to 20 ft be expected to persist longer than 24 hours?

Sample Application: Carrier flight operations have been scheduled for a specified operating area during a particular season. Flight operations need to commence within 24 hours of arrival within the operating area. They cannot be conducted if the significant wave height is 20 ft or more. What is the climatological probability that the carrier will be unable to conduct flight operations in the operating area for more than 24 hours due to high seas?

Answer: This problem involves computations using hindcasts from the seasonal duration table rather than episodes from the duration table since we are answering a question regarding the percentage of time. The solution can be found by computing the joint percentage as follows: (percent of waves $\geq$20 ft times percent of $\geq$20 foot waves that persist longer than 24 hours). Note that the percent of $\geq$20 foot waves that lasted <24 hours plus the percent of $\geq$20 foot waves that lasted $\geq$24 hours is 100% so we can compute whichever is easier and subtract from 100% if necessary. Percentages are used because of the difference between T and T* caused by missing data. Step 1. Compute the percent of $\geq$20 foot waves that lasted >24 hours. In this example it will be easier to find the percent for $\leq$24 hours then subtract from 100% to obtain the percent we require. This requires the calculation of the total number of hindcasts meeting this criterion.

This procedure is as follows:

Duration	Hindcasts Per Event		Frequency (From Table)		Hindcasts $\geq$20 ft La $\leq$24 Hours
6 hours	1	X	7	=	7
12 hours	2	X	2	=	4
18 hours	3	X	8	=	24
24 hours	4	X	7	=	28
			TOTAL:		63

Thus, the percent of $\geq$20 foot waves that lasted $\leq$24 hours is (63 175) X 100% = 36.0%. The percent of $\geq$20 foot waves lasted >24 hours is 100% - 36.0% = 64.0%.

Step 2. The percent of waves $\geq$20 feet is (T*/TH) X 100% or (181 1236) X 100% = 14.6%.

Step 3. The answer is 64.0% X 14.6% = 9.4%

NOTE: If an answer is required for a period which spans two seasons an approximate procedure would be to calculate the answer for each season to get a range of expected duration or intervals.

3. Question: Considering all the intervals between events with significant

whichever is easier and subtract from 100% if necessary. Percentages are used because of the difference between T and T* caused by missing data. Step 1. Compute the percent of $\geq$20 foot waves that lasted >24 hours. In this example it will be easier to find the percent for $\leq$24 hours then subtract from 100% to obtain the percent we require. This requires the calculation of the total number of hindcasts meeting this criterion.

This procedure is as follows:

n	Hindcasts Per Event		Frequency (From Table)		Hindcasts $\geq$20 ft Lasting $\leq$24 Hours
s	1	X	7	=	7
s	2	X	2	=	4
s	3	X	8	=	24
s	4	X	7	=	28
			TOTAL:		63

Thus, the percent of $\geq$20 foot waves that lasted $\leq$24 hours is (63 175) X 100% = 36.0%. The percent of $\geq$20 foot waves lasted >24 hours is 100% - 36.0% = 64.0%.
Step 2. The percent of waves $\geq$20 feet is (T*/TH) X 100% or (181 1236) X 100% = 14.6%.
Step 3. The answer is 64.0% X 14.6% = 9.4%

NOTE: If an answer is required for a period which spans two seasons an approximate procedure would be to calculate the answer for each season to get a range of expected duration or intervals.

estion: Considering all the intervals between events with significant wave heights greater than or equal to 9 feet during a specific season, what percentage persisted more than 24 hours?

Sample Application: A tug has just arrived at the location of a salvage operation. Seas are less than 9 ft. In order to successfully conduct the salvage operation, the significant wave height must remain less than 9 ft for at least 24 hours. What is the climatological probability that the operation can successfully be conducted?

Answer: This problem involves the use of the seasonal interval tables, since we want intervals between wave height $\geq$9 ft. The number of intervals between events of waves $\geq$9 ft is 72 (from the TI column of the interval table). The number of intervals between events (episodes) of wave height $\geq$9 ft lasting 24 hours or less is 12 + 13 + 5 + 8 = 38. The percentage of intervals between waves $\geq$9 ft lasting 24 hours or less is thus (38 72) X 100% = 52.8%. In other words, 52.8% of all the episodes with waves <9 ft persisted 24 hours or less, and the percentage of <9 ft wave episodes lasting longer than 24 hours is 100% - 52.8% = 47.2%. Thus, the climatological probability that the operation can successfully be conducted is 47.2%.

4. Question: What percentage of the time can significant wave heights less than 12 ft be expected to persist longer than two days?

Sample Application: A particular location is being considered as an ASW (anti-submarine warfare) exercise area. Significant wave heights

less than 12 ft are required for the exercises, which normally last at least two days. On an annual basis, what percentage of the time could exercises be successfully conducted at the location?

Answer: This problem requires the use of hindcast frequencies from the interval table which summarizes all seasons. We proceed following the steps outlined in Question 2. Step 1. Compute the percent of <12 ft waves that lasted >2 days. This requires estimation of the total number of hindcasts meeting this criterion. Estimation is necessary because beyond one day, the 0.25 day resolution of the hindcasts is lost in the summary process, so we must approximate the average number of hindcasts per interval. Since the 1 to 2 day interval includes episodes consisting of 1.25, 1.5, 1.75 and 2 days (that is 5, 6, 7, and 8 hindcasts), the average hindcasts per interval is 6.5. In this example it will be easier and more accurate to find the percent for ≤ 2 days then subtract from 100 to obtain the percent we require. The procedure is as follows:

Interval	Hindcasts per Interval		Frequency (From Table)		Hindcasts Not ≥12 Ft Lasting ≤2 Days
0.25 day	1	X	53	=	53
0.50 day	2	X	34	=	68
0.75 day	3	X	25	=	75
1 day	4	X	15	=	60
1-2 days	6.5	X	52	=	338
			TOTAL:		594

Thus, the percent of <12 foot waves that lasted <2 days is (594 -9056) X 100% = 6.6%. The percent of <12 foot waves that lasted >2 days is 100% - 6.6% = 93.4%.

Step 2. The percent of waves <12 ft is (T*/TH) X 100% or (10761-13606) X 100% = 79.1%.

Step 3. The answer is 93.4% X 79.1% = 73.9%.

APPENDIX F

COMPARISON OF SOWM WITH OTHER CLIMATOLOGIES

In this section three other sources of wind and wave data are compared to the SOWM hindcast data (hereafter referred to as SOWM) namely: (1) U. S. Navy Marine Climatic Atlas of the World, Volume II, North Pacific Ocean; (1977) (hereafter referred to as SHIP) (2) U. S. Army Pacific Coast Hindcast, Deepwater, Wave Information; (1984) (hereafter referred to as ARMY); and (3) Climatic Summaries for NOAA Data Buoys; (1983) (hereafter referred to as BUOY). Detailed information regarding the origin of data from each of these three sources is contained within each atlas, but a brief summary of each of these data sources follow. Some additional data has been added to the ARMY and BUOY data. This includes another year of BUOY data, i.e. 1983 data and ARMY data summarized by month (Corson, 1984), as opposed to an annual basis.

The SHIP atlas contains climatic summaries of wind and wave data derived from archived observations of transient ships and Ocean Weather Stations (OWS) across the North Pacific Ocean. The summaries are based on data dating back to the nineteenth century, but the overwhelming majority of the data comes from the 1950s and 1960s, and early to mid 1970s. The wind speed from transient ships is often estimated rather than measured, while the OWS winds are measured. Quayle (1974, 1980) has shown that the long-term climatologies from measured winds (particularly at high wind speeds) at OWS are in fair agreement with estimated winds from transient ship observations. Cardone (1969) summarizes previous investigations of bias in winds reported by ships using the following formula (in knots):

$$U_c = 2.16\, U_o^{7/9} \qquad \text{(F1)}$$

Where U_c is the corrected wind speed and U_o is the observed wind speed from a single observation. The results of Quayle (1980) and Cardone (1969) are not necessarily in disagreement since the results of Quayle's study refer to climatological means and Cardone's study to individual ship observations. On the other hand, it has been generally recognized that wave data climatologies based upon visual ship observations reflect heights that are too low. Quayle and Changery (1982) provide several reasons for this discrepancy.

1. Until July 1963, only the higher wave train was digitized from the ship report. Therefore, to mix pre-July 1963 data with later data in a consistent fashion, one could use only the higher of sea and swell. This, indeed, is the recommended procedure by the World Meteorological Organization (1960). By using only the higher of sea and swell, the significant wave height $H_{1/3}$ (average height of the highest one-third of all waves present) is underestimated; a better estimate being:

$$H_s = (H^2\text{sea} + H^2\text{swell})^{1/2} \qquad \text{(F2)}$$

according to Darbyshire and Draper (1963), further elaborated by Jardine (1979), and Jardine and Lathan (1981). In the preparation of Pilot Charts of Monthly Weather Hazards - Waves for the Defense Mapping Agency (In Press) this discrepancy has been found to amount to only a 5% underestimation of the significant wave height. It is possible however, that additional biases are introduced because ship observers sometimes either cannot or do not distinguish between sea and swell waves in their observations.

2. A fair-weather bias toward lower waves is sometimes suspected, as ships may try to avoid bad weather (Quayle, 1974). However, since ships often must slow down in storms, more data will be reported, thus possibly counteracting the fair-weather bias. Further, winds appear to be relatively more accurate than waves (Quayle, 1980), a situation that complicates simple "fair-weather bias" hypotheses.

3. The height of the bridge on a typical ship may be some tens of meters above the sea

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3. The height of the bridge on a typical ip may be some tens of meters above the sea surface, thus making waves appear smaller than they actually are.

Wave heights in the ARMY have been summarized for grid points off the west coast of North America and Hawaii. Like the SOWM these data were also derived from a discrete spectral model (Resio, 1981). However, for fetch-limited and duration-limited waves in their early stages of development, Dexter (1974), and Resio and Vincent (1979) indicate that a model such as used in the ARMY may result in significant differences from other discrete spectral models. For example, the SOWM does not use parameterized nonlinear wave growth theory, but the ARMY model does contain such parameterization. The ARMY model was run for the 20-year period 1956-1975 based on reconstructed sea-level pressure fields, initially similar to those used in the SOWM model, but with important modifications in and around extratropical cyclones (U.S. Army Hydraulics Laboratory, 1980; 1982; Corson, 1984). These modifications included a re-analysis of pressure gradients and storm central pressures using data from the Northern Hemisphere Historical Weather Map Series National Weather Service (NWS) in order to more accurately define the pressure fields. Using these reconstructed sea-level pressure fields a quasi-geostrophic wind field is estimated at the geostrophic level, and after consideration of thermal stability and baroclinicity it is reduced to a level of 64 feet.

Climatic summaries for the BUOY are derived from six NOAA data buoys 46001 through 46006. They provide one of the few sources of measured wave data. Unfortunately, the period of record available for summarization is rather short (generally 1976-1983) with frequent missing observations until about 1980. Of the six buoys available for comparison most are located within a few hundred nautical miles of the North American West Coast. The number of hourly or three-hourly observations at each buoy varies for any given month or buoy but generally is near 4,000 observations for the period of record used in this comparative study. A number of different buoy hulls were used during the period of record. Wind speeds were obtained primarily from the 10-m level, but buoy 46005 had wind

sensors located at the 5-m level during the latter part of this study. Since Dobson (1981) indicates that there is more or less (depending on stability) only about a 5% difference in the wind speeds at these two levels, corrections for height differences were not applied. In the climatological comparisons a 5% difference is too small to readily detect because of other sources of noise, such as differences in the period of record from which the climatologies are derived, and the fact that each point compared has slightly different geographic locations.

Each buoy payload included a strapped down accelerometer and an electronic double integration system. A digital filter called the "Wave Spectrum Analyzer" (WSA) was used to process the output through most of 1979. Although the quality of these data was not as good as had been desired due to a noisy signal and numerous periods of missing data, they have been deemed acceptable to most users (NOAA Data Buoy Office, 1981). Higher quality data were available after 1978 by using a more advanced payload system and a refined spectral system, the "Wave Data Analyzer" (WDA).

Comparisons of the wave period between various atlases have purposely been avoided. Users should be cautioned that the wave periods summarized in the SHIP atlas are associated with the higher of the two wave components, the sea or the swell. In the BUOY atlas, the wave period summarized refers to the average wave period. In this atlas and the ARMY atlas the wave period, as described in Appendix C, is the period associated with the largest variance density in the variance spectrum.

Where possible wave height and wind speed cumulative relative frequencies were calculated for various percentiles: 5%, 20%, 50%, 80% and 95% for each of the mid season months, February, May, August, and November. The percentiles were derived from ogives constructed from the upper limits of the class intervals used in this atlas, the SHIP atlas, and the ARMY atlas. Logarithmic interpolation was used to derive the appropriate wave height or wind speed when the percentiles associated with the upper class limits did not coincide with the desired percentiles. For the BUOY the observed hourly and three-hourly data were used to calculate the derived percentiles.

The results of the SOWM and SHIP comparisons of wind speed and wave height for 17 areas in the North Pacific Ocean are depicted in Figs. F1 through F8, respectively. From Figs. F1 through F4 it is readily apparent that there is reasonable agreement between the SOWM and SHIP wind speeds in most areas of the open ocean. There are some notable exceptions however, as the SOWM winds are considerably less than the SHIP winds in the proximity of the Kuroshio Current. This discrepancy may be attributed to the underestimation of the intensity and central pressures of rapidly developing extratropical storms and the effects of thermal stratification, particularly during arctic outbreaks. Similar underestimates were also found off the eastern coast of North America. This is another area of rapid wintertime cyclogenesis and thermal instability (U. S. Navy Hindcast Spectral Ocean Wave Model Climatic Atlas: North Atlantic Ocean, 1983). South of approximately 30°N the SOWM and SHIP winds do not agree as closely as they do to areas north of 30°N. In this area there is a tendency for the SOWM winds to be higher than the SHIP winds during the winter and spring months and lower during the summer and fall months.

The SOWM wave heights are shown to be

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The SOWM wave heights are shown to be significantly higher than SHIP wave heights for nearly all areas and all times of the year (Figs. F5 through F8). They help substantiate the bias toward lower wave heights in the SHIP atlas, sometimes even when the wind field in the SOWM is considerable less (up to 30%) than that observed by ship observations. Pierson (1982) states that despite lower winds, the SOWM often gives higher waves compared to visual estimates. This is at least partially attributed to the processing and observational biases in the SHIP atlas. In areas just off the coastal waters of Asia however, some SOWM wave heights are equal to or lower than those reported in the SHIP atlas. The general characteristics of the wave height comparisons more or less substantiate the underestimation of the wind field in the proximity of the Kuroshio Current. Pierson (1982) also indicates that the errors in the SOWM's wave heights are strongly dependent upon wind speed specification errors. Assuming a simple relation between a fully developed wave spectrum (sea) to the local wind speed (a gross simplification), Pierson (1982) shows that

$$\overline{H}_{1/3} = 1.82 \times 10^{-2}\, u^2 \qquad \text{(F3)}$$

where $\overline{H}_{1/3}$ is in feet and u^2 is the wind speed in knots. As an example, Table F1 depicts the differences in wave height for the month of November that would be expected if the wind speed as summarized in the SHIP atlas for the location 39N, 153E (Ocean Weather Ship X) was used in Eq. F3 as opposed to the speeds from the SOWM grid point at 39.5N, 153.8E. Of part'cular interest is the fact that for approximately the same difference in wind speeds (rows 3 and 4 in Table F2) the difference at a higher wind speed results in larger errors of wave height.

A qualitative summary of the differences between the SOWM and SHIP atlas is given in Table F2 for both the upper 20 percentiles (upper quintiles) and the lower 20 percentiles

2

TABLE F1

THE EFFECT OF DIFFERENT WIND SPEED ESTIMATES ON THE SIGNIFICAN

WIND SPEED (kn)				WAVE HEIGH	
SOWM 39.5 N 153.8 E	SHIP 39 N 153 E	SOWM / SHIP	DIFFERENCE SOWM–SHIP	SOWM 39.5 N 153.8 E	SHIP 39 N 153 E
8.4	13.0	0.7	4.6	1.2	3.1
15.5	21.8	0.7	−6.3	4.4	8.6
24.1	31.8	0.8	−7.7	10.6	18.4
32.5	39.9	0.8	−7.4	19.2	29.0

(lower quintiles). Based on Figs. F1 - F4 and Table F2 it is apparent that the wind speeds derived from the SOWM are for the most part reasonably close to those contained in the SHIP atlas, except for areas near the Asian Coast and some areas south of 30°N. Based on the wind field comparisons, the SOWM atlas wave height climatology should be an overall improvement over the SHIP atlas wave climatology in much of the North Pacific. However, in cases where the SOWM input winds are significantly low, the resulting wave heights may not be as high as they should be. This could occur even when the wave heights produced in the SOWM were comparable to those reported in the SHIP atlas. In these instances the wave heights reported in both the SHIP and SOWM atlases might, in fact, underestimate the actual wave height.

Since the ARMY did not contain wind summaries, comparisons with the SOWM are available for wave heights only (Figs. F9 through F12). The SOWM and ARMY wave heights are compared using five grid points, four near the coastal waters of the United States and Canada and one near the Hawaiian Islands. A fairly simple pattern emerges from the comparative climatologies. The SOWM wave heights are approximately 20% higher than the ARMY wave heights in the upper quintiles, but for the lower quintiles they are about 20% to 50% lower than the ARMY wave heights.Undoubtedly, a large portion of this difference can be attributed to the input wind fields generating the waves (see Appendix B). One exception to this generality is for the grid points near the Hawaiian Islands where the SOWM wave heights are lower than the ARMY wave heights at all percentiles, sometimes by as much as 50%.

TABLE F1

RENT WIND SPEED ESTIMATES ON THE SIGNIFICANT WAVE HEIGHT

) (kn)		WAVE HEIGHT (ft)			
SOWM / SHIP	DIFFERENCE SOWM SHIP	SOWM 39.5 N 153.8 E	SHIP 39 N 153 E	SOWM / SHIP	DIFFERENCE SOWM–SHIP
0.7	4.6	1.2	3.1	0.4	−1.9
0.7	−6.3	4.4	8.6	0.5	−4.2
0.8	−7.7	10.6	18.4	0.6	−7.8
0.8	−7.4	19.2	29.0	0.7	−9.8

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Figs. F13 through F16 provided comparative climatologies between BUOY and SOWM data for the winds. Generally, the SOWM wind speeds are higher, by about 20% to 30%, than the BUOY wind speeds during the spring, fall, and winter months at the higher percentiles, but generally within 10% of the BUOY speeds at the lower percentiles. During the summer month of August the BUOY winds tend to be 10 to 20% higher than the SOWM winds south of 50°N and nearly equal to the SOWM winds north of 50°N. These wind speed differences have at least to some extent worked their way into the wave height climatologies since the SOWM wave heights during the spring, fall, and winter months are generally 20% to 50% higher for the upper quintiles than those at the NOAA BUOYS (Figs. F17 through F20). During the same seasons for the lower quintiles the SOWM wave heights are usually within 10 to 20% of the BUOY wave

TABLE F 2

QUALITATIVE SUMMARY OF DIFFERENCES BETWEEN DATA TYPES IN THE NORTH PACIFIC OCEAN FOR SOWM, ARMY, BUOY, AND SHIP DATA

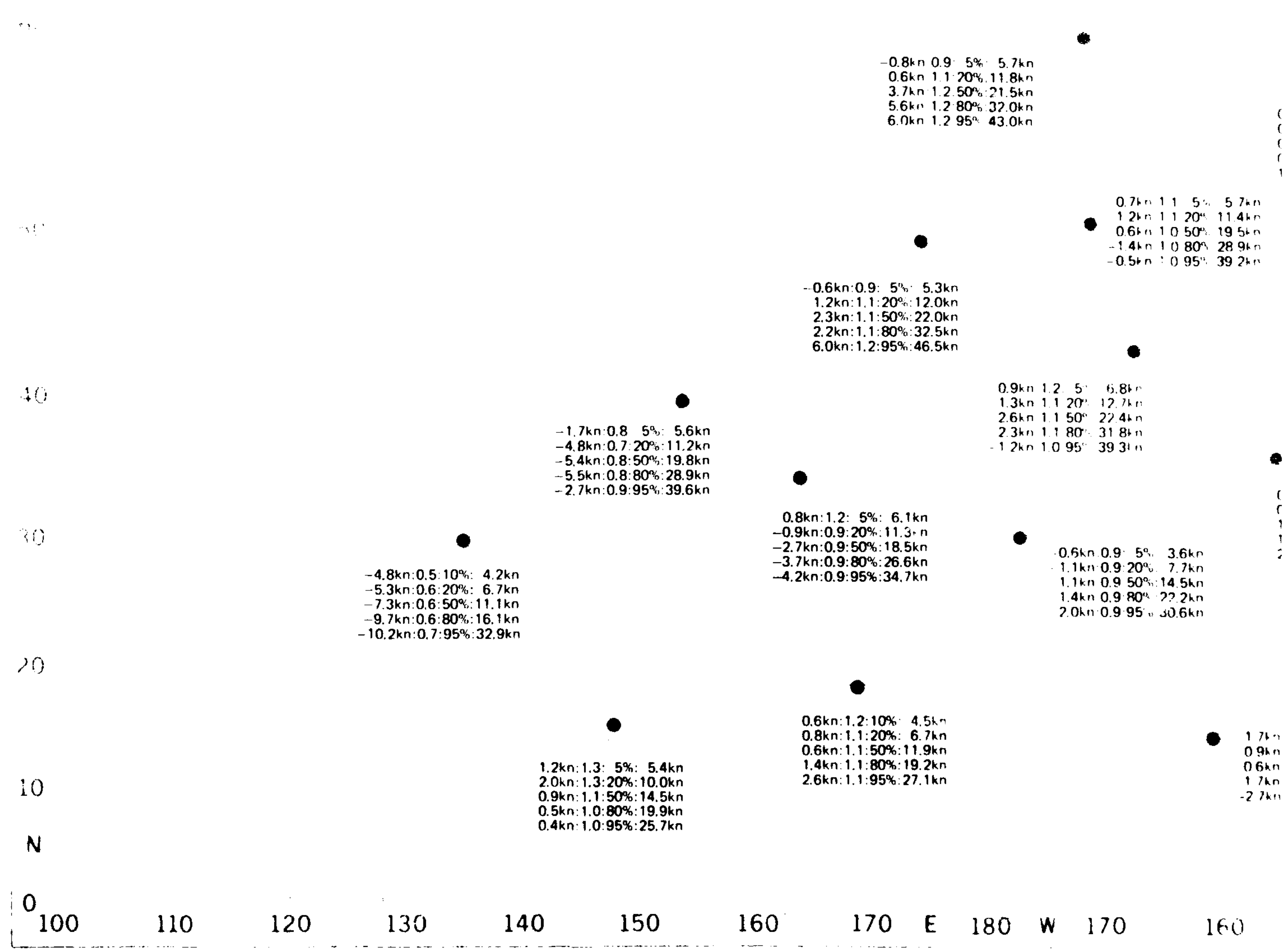
AREA	DATA SOURCE	UPPER 20 PERCENTILE								LOWER 20 PERCENTILE							
		TIME PERIOD								TIME PERIOD							
		FEB		MAY		AUG		NOV		FEB		MAY		AUG		NOV	
		Wind	Wave	Wind	Wave	Wind	Wave	Wind	Wave	Wind	Wave	Wind	Wave	Wind	Wave	Wind	Wave
OPEN OCEAN NORTH OF 30 N	SOWM	H	H	L	H	H	H	H	H	H	M	M	H	L	L	M	M
	SHIP	H	L	L	L	L	L	H	L	H	L	L	L	L	L	M	L
	BUOY	L	L	H	L	H	L	L	L	L	M	H	M	H	H	M	H
	ARMY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OPEN OCEAN 15 N to 30 N	SOWM	H	H	H	H	L	L	L	H	H	H	H	H	L	M	H	H
	SHIP	L	L	L	L	H	H	H	L	L	L	L	L	H	M	L	L
	BUOY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	ARMY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PROXIMITY OF NORTH AMERICAN WEST COAST	SOWM	H	H	H	H	L	H	H	M	H	M	H	M	M	M	H	M
	SHIP	H	L	H	L	M	M	H	L	H	L	L	L	H	L	H	L
	BUOY	L	M	L	M	H	L	L	M	L	M	L	M	L	M	L	M
	ARMY	X	M	X	M	X	H	X	H	X	H	X	H	X	H	X	H
PROXIMITY OF JAPAN CURRENT	SOWM	L	H	L	H	L	H	L	H	L	H	L	H	L	L	L	H
	SHIP	H	L	H	L	H	L	H	L	H	L	H	L	H	H	H	L
	BUOY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	ARMY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

L Low M Middle H High X Unknown at present

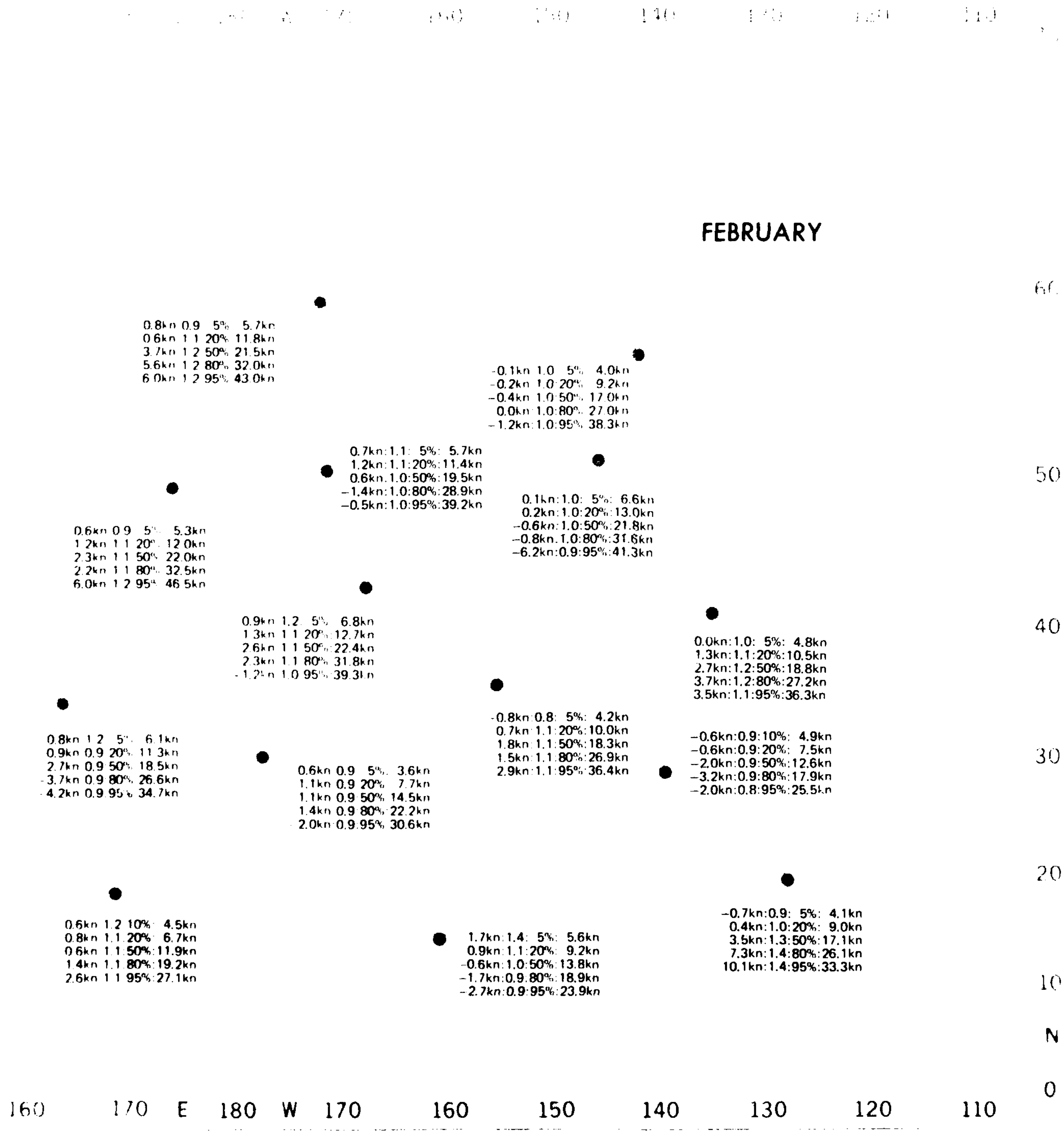
heights. During the summer month of August the SOWM wave heights tend to be higher than the BUOY wave heights north of 50^{o}N and somewhat lower than the BUOY wave heights south of 50^{o}N.

It cannot be overemphasized that the data sources in Table F-2 do not include matching years of data. In the BUOY climatologies data from the late 70's and early 80's do not overlap the years used in the SOWM atlas (late 60's to mid 70's) or the ARMY atlas (late 50's to mid 70's). It would be incorrect to assume that the SOWM or ARMY climatologies should exactly reproduce the BUOY climatologies.

FIG. F1 DIFFERENCE (SOWM-SHIP) AND RATIOS (SOWM/SHIP) OF SOWM AND SHIP PERCENTILES AND THEIR ASSOCIATED WIND SPEEDS

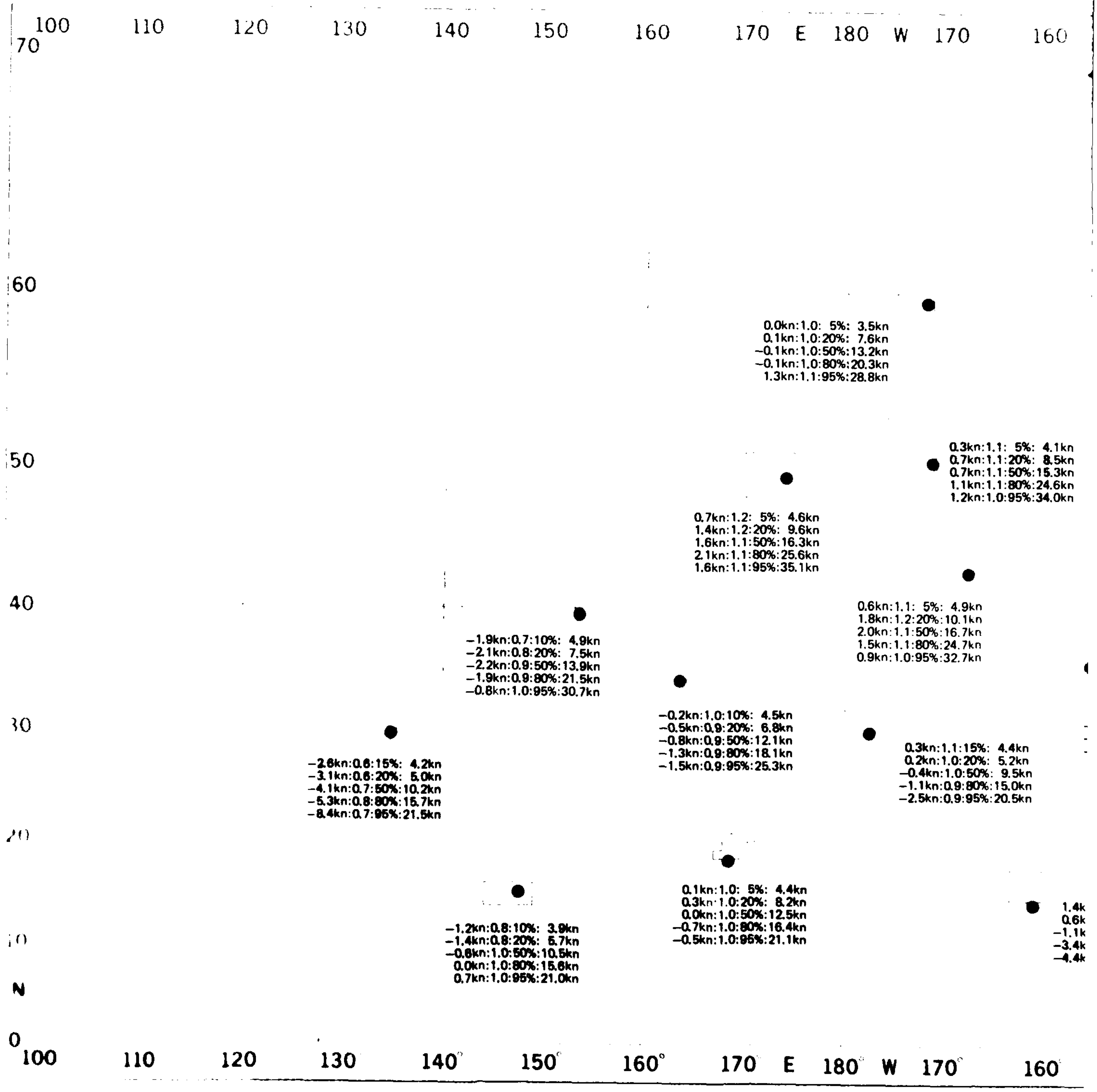


TIOS (SOWM/SHIP) OF SOWM AND SHIP WIND SPEEDS FOR SELECTED SOWM
TED WIND SPEEDS

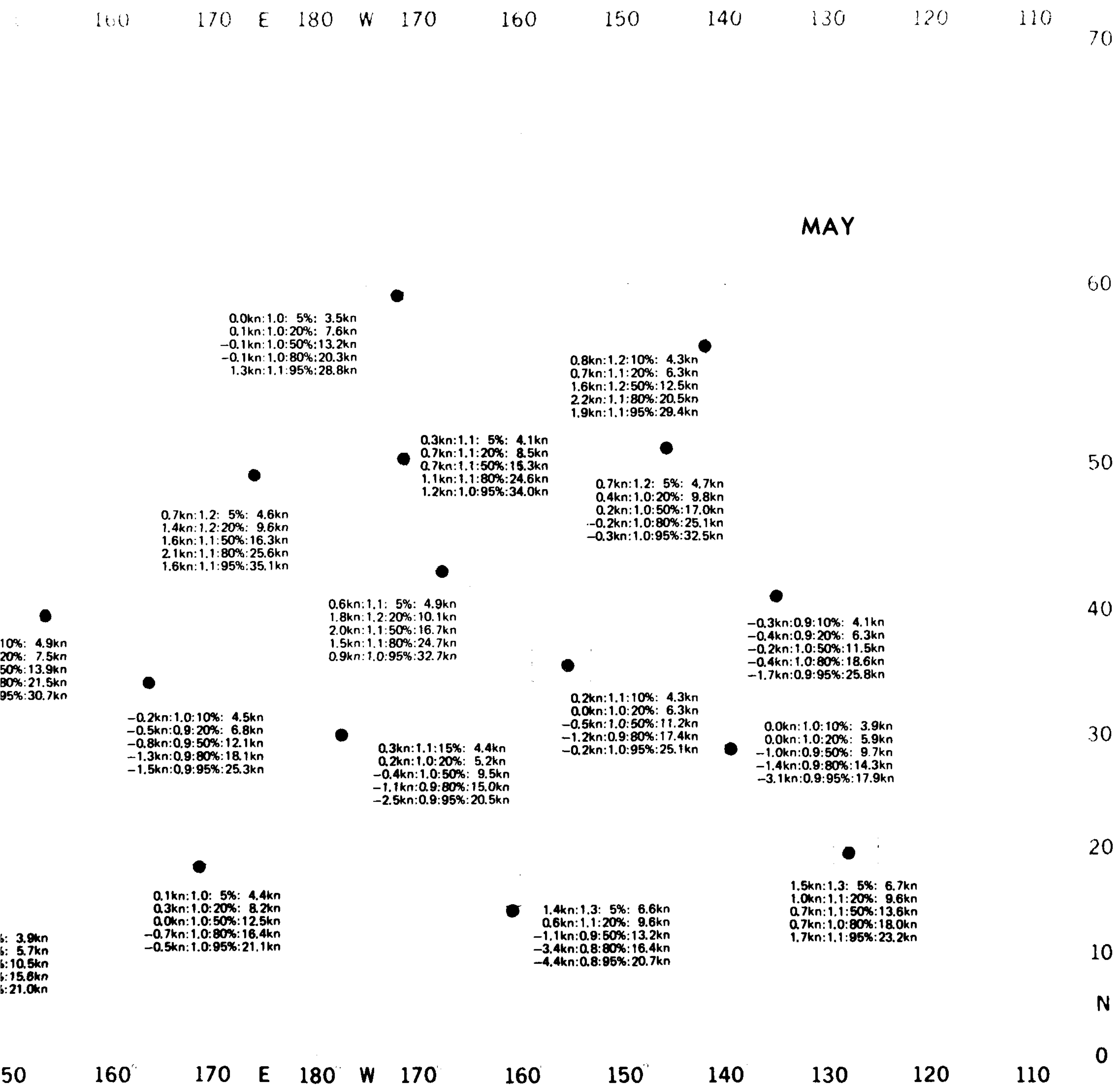


2

FIG. F2 DIFFERENCE (SOWM-SHIP) AND RATIOS (SOWM/SHIP) OF SOWM AND SHIP PERCENTILES AND THEIR ASSOCIATED WIND SPEEDS

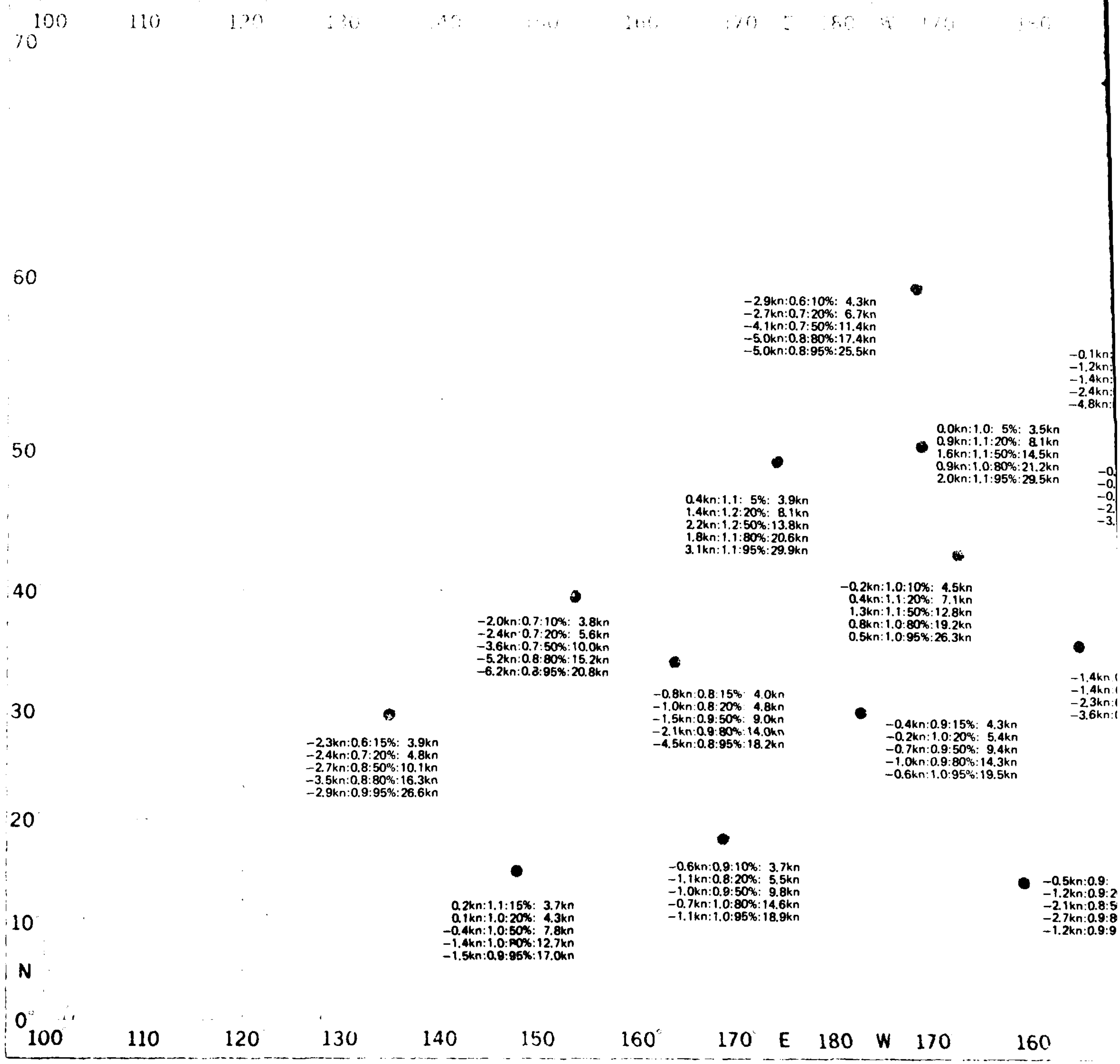


ND RATIOS (SOWM/SHIP) OF SOWM AND SHIP WIND SPEEDS FOR SELECTED SOWM
SSOCIATED WIND SPEEDS



2

FIG. F3 DIFFERENCE (SOWM-SHIP) AND RATIOS (SOWM/SHIP) OF SOWM AND SHIP W
PERCENTILES AND THEIR ASSOCIATED WIND SPEEDS



ND RATIOS (SOWM/SHIP) OF SOWM AND SHIP WIND SPEEDS FOR SELECTED SOWM
SOCIATED WIND SPEEDS

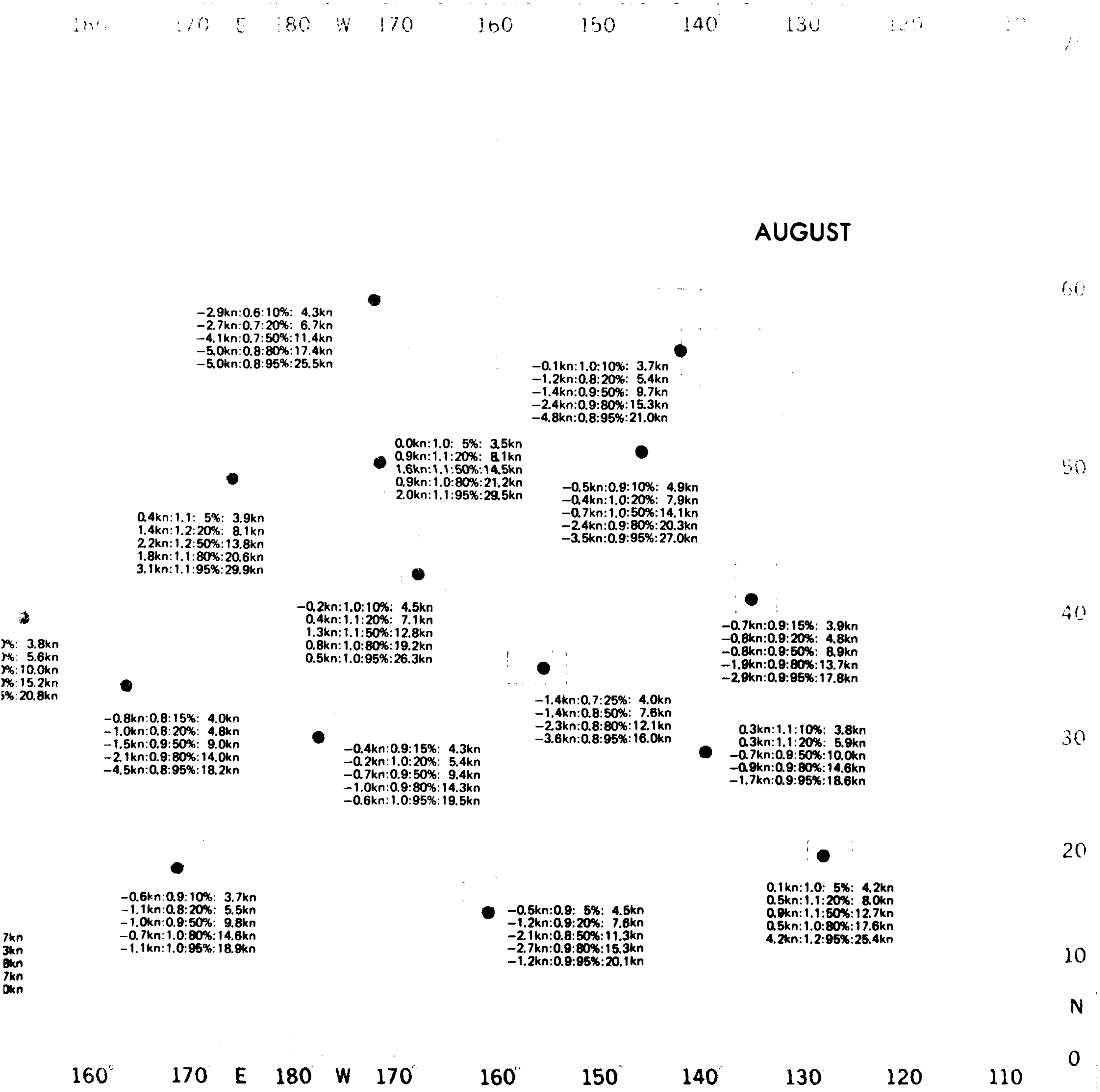
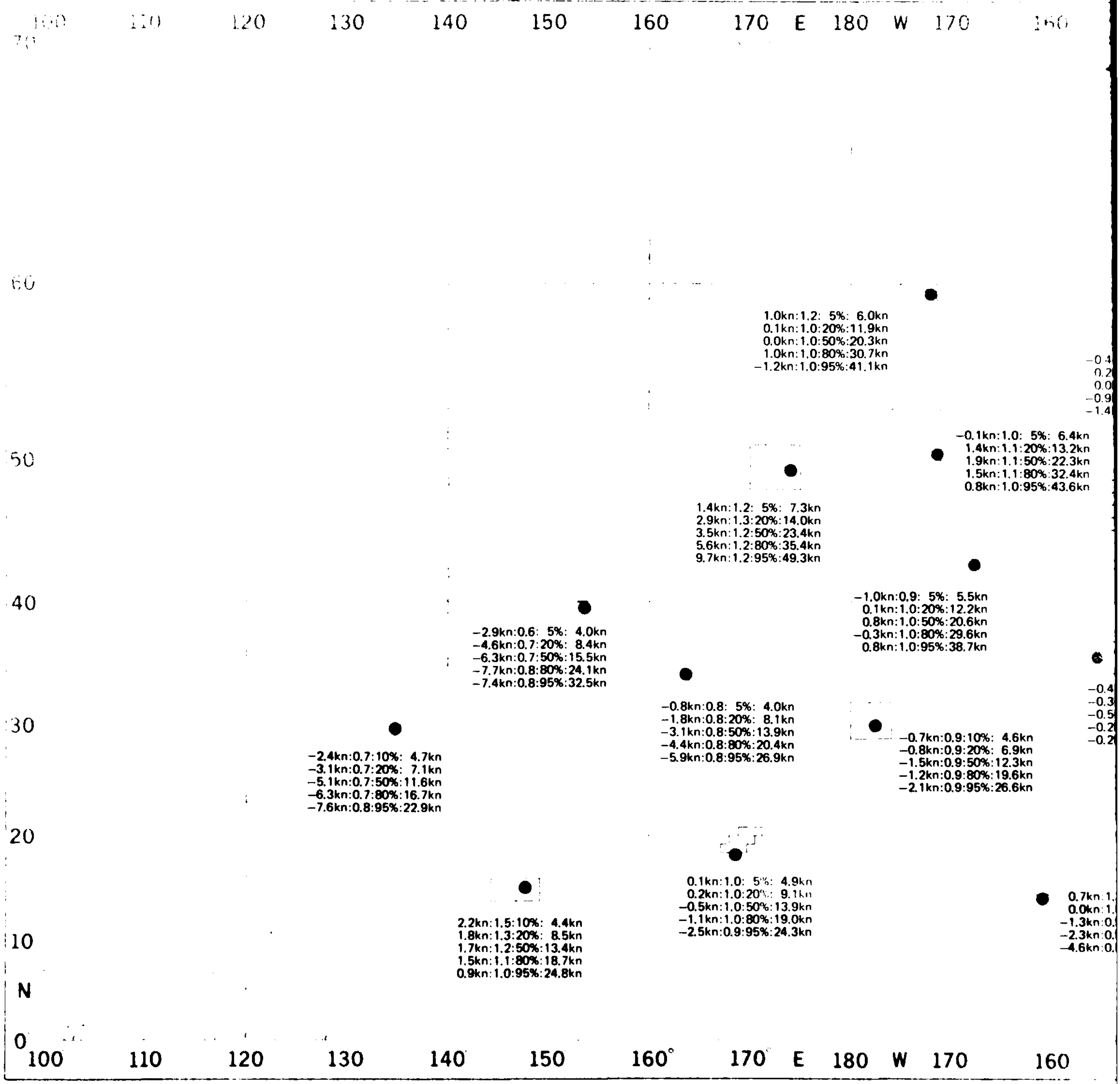


FIG. F4 DIFFERENCE (SOWM-SHIP) AND RATIOS (SOWM/SHIP) OF SOWM AND SHIP W
PERCENTILES AND THEIR ASSOCIATED WIND SPEEDS



ATIOS (SOWM/SHIP) OF SOWM AND SHIP WIND SPEEDS FOR SELECTED SOWM
ATED WIND SPEEDS

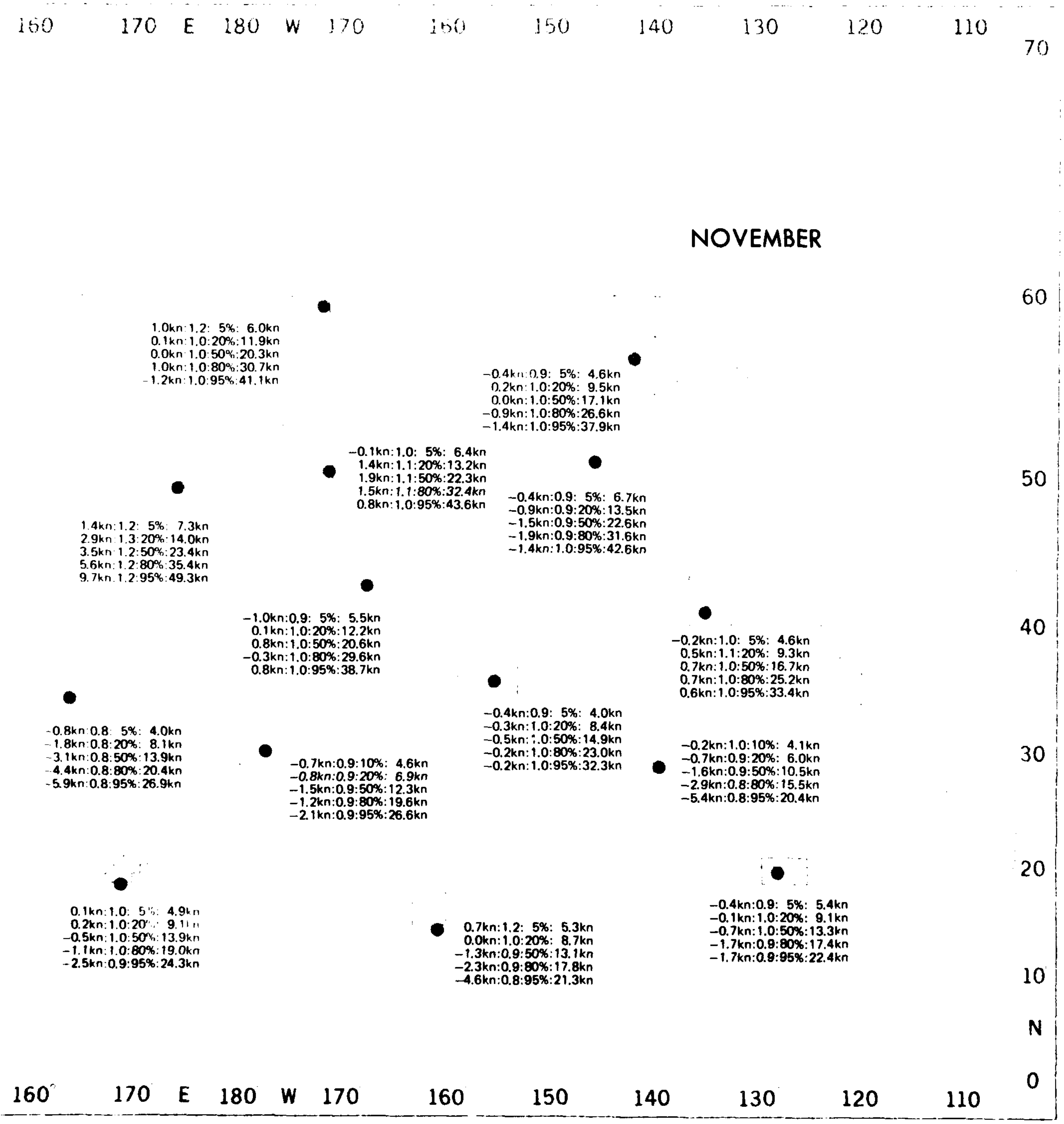


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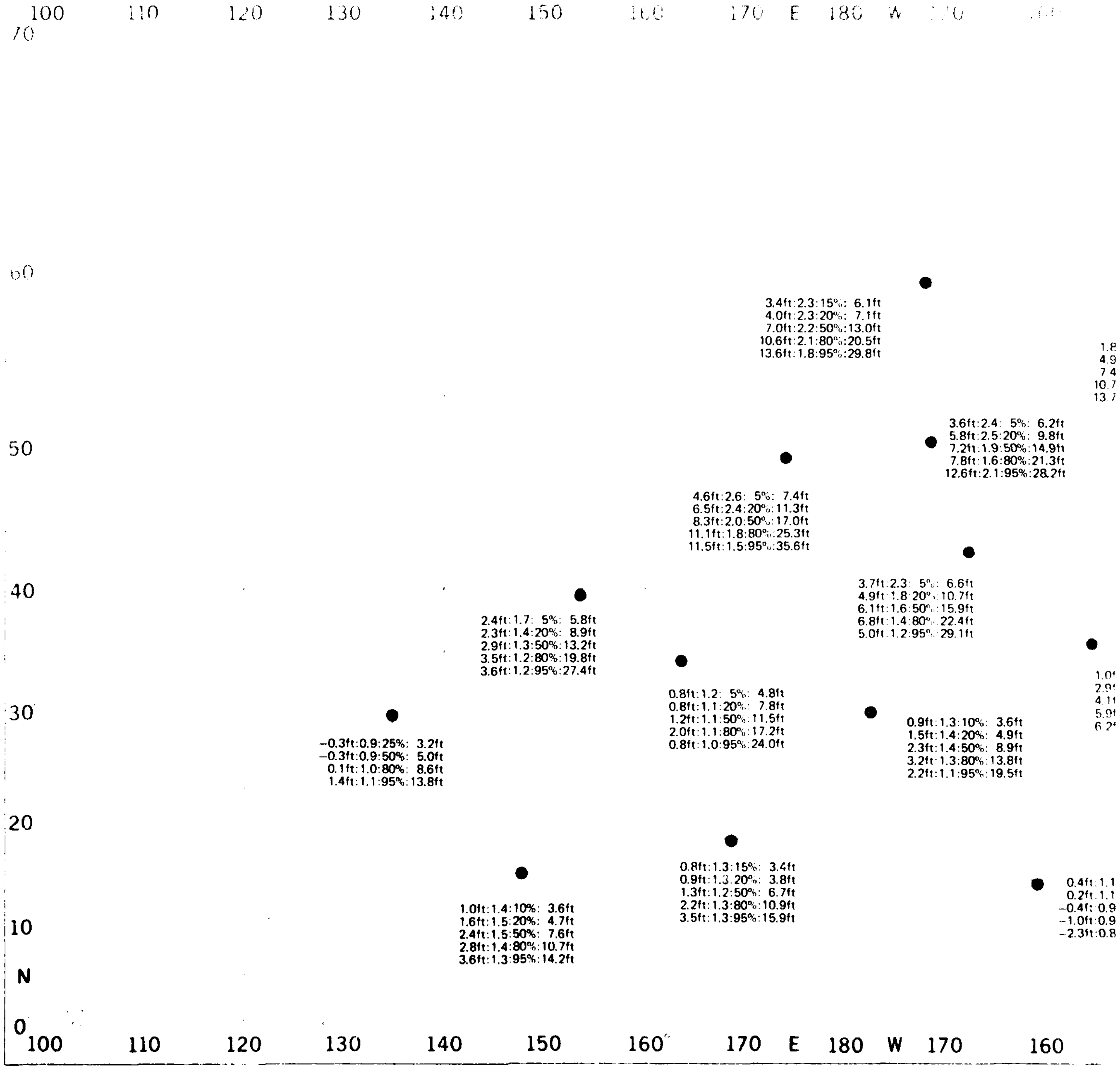
FIG. F5 DIFFERENCE (SOWM-SHIP) AND RATIOS (SOWM/SHIP) OF SOWM AND SHIP WA PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS



| AND RATIOS (SOWM/SHIP) OF SOWM AND SHIP WAVE HEIGHTS FOR SELECTED SOWM
ASSOCIATED WAVE HEIGHTS

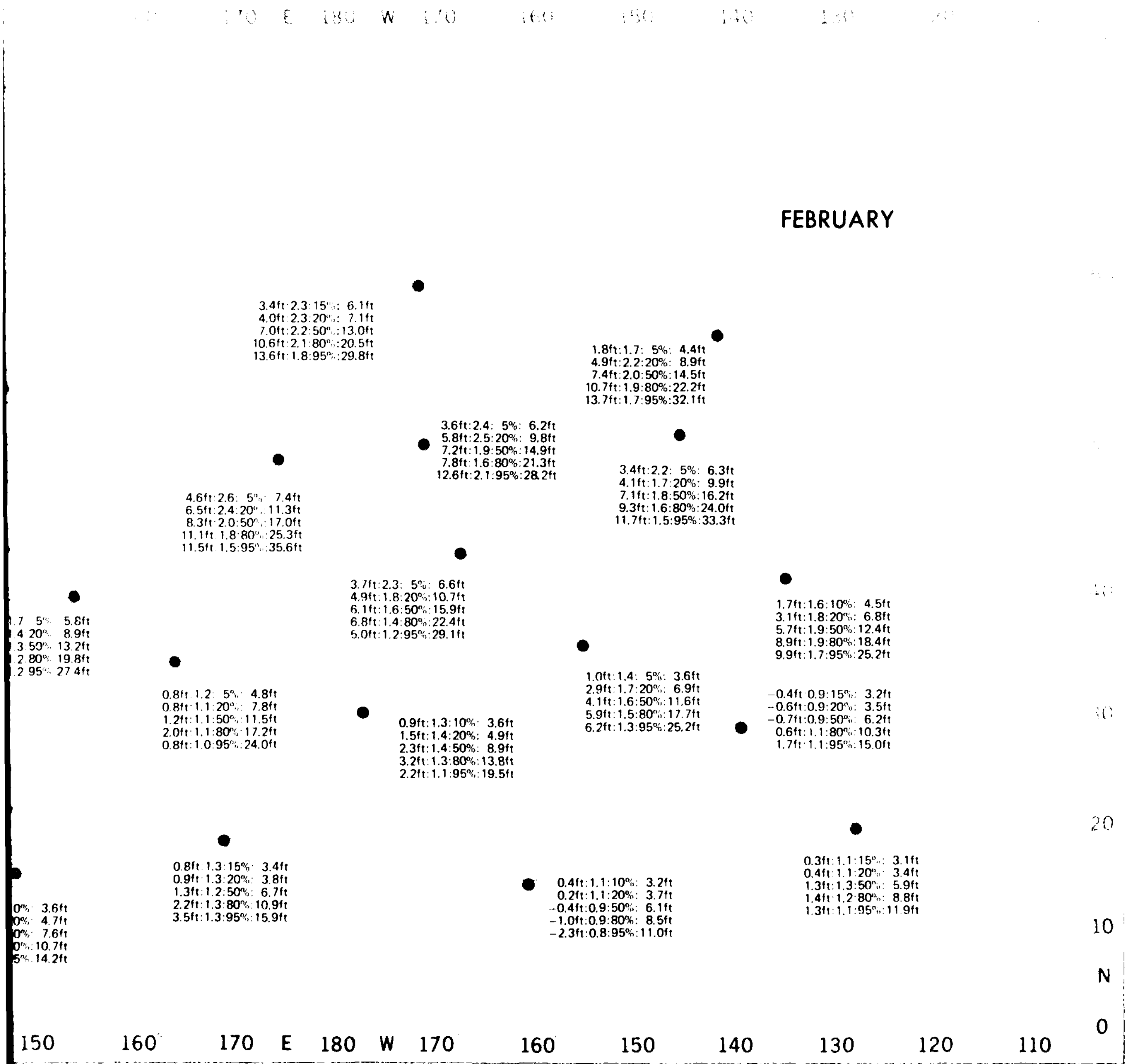


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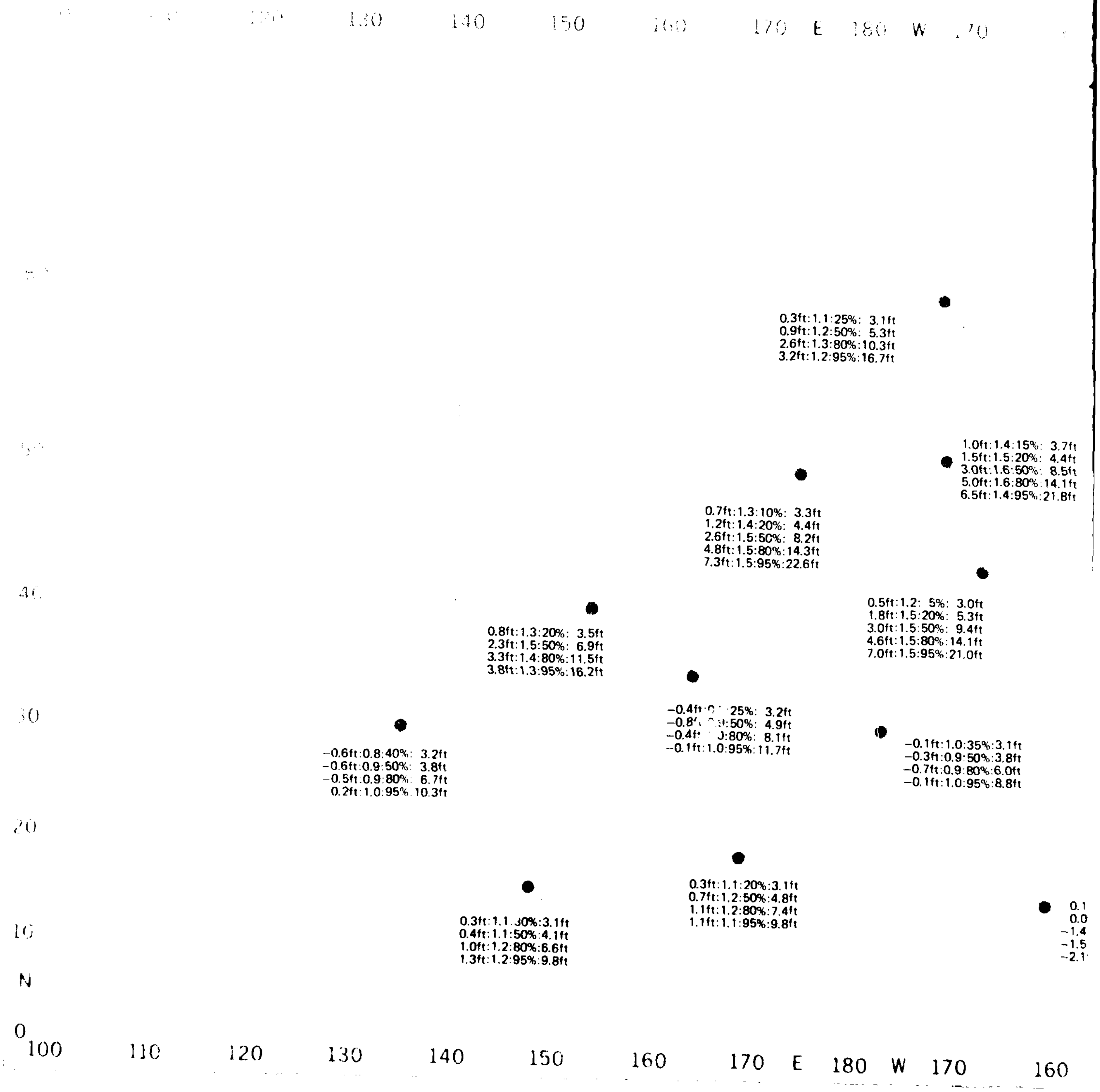
FIG. F6 DIFFERENCE (SOWM-SHIP) AND RATIOS (SOWM/SHIP) OF SOWM AND SHIP PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS



RATIOS (SOWM/SHIP) OF SOWM AND SHIP WAVE HEIGHTS FOR SELECTED SOWM
CIATED WAVE HEIGHTS

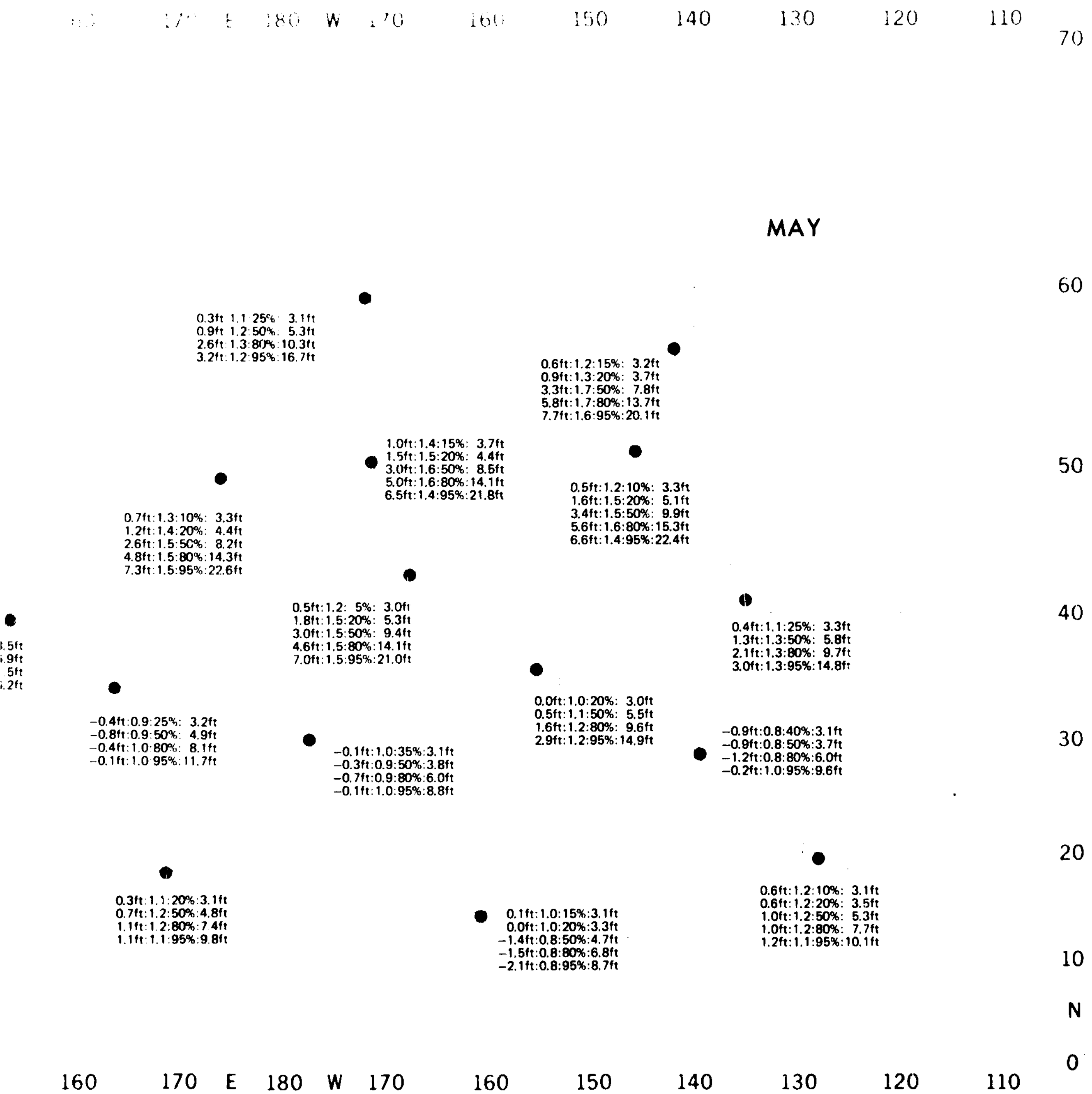


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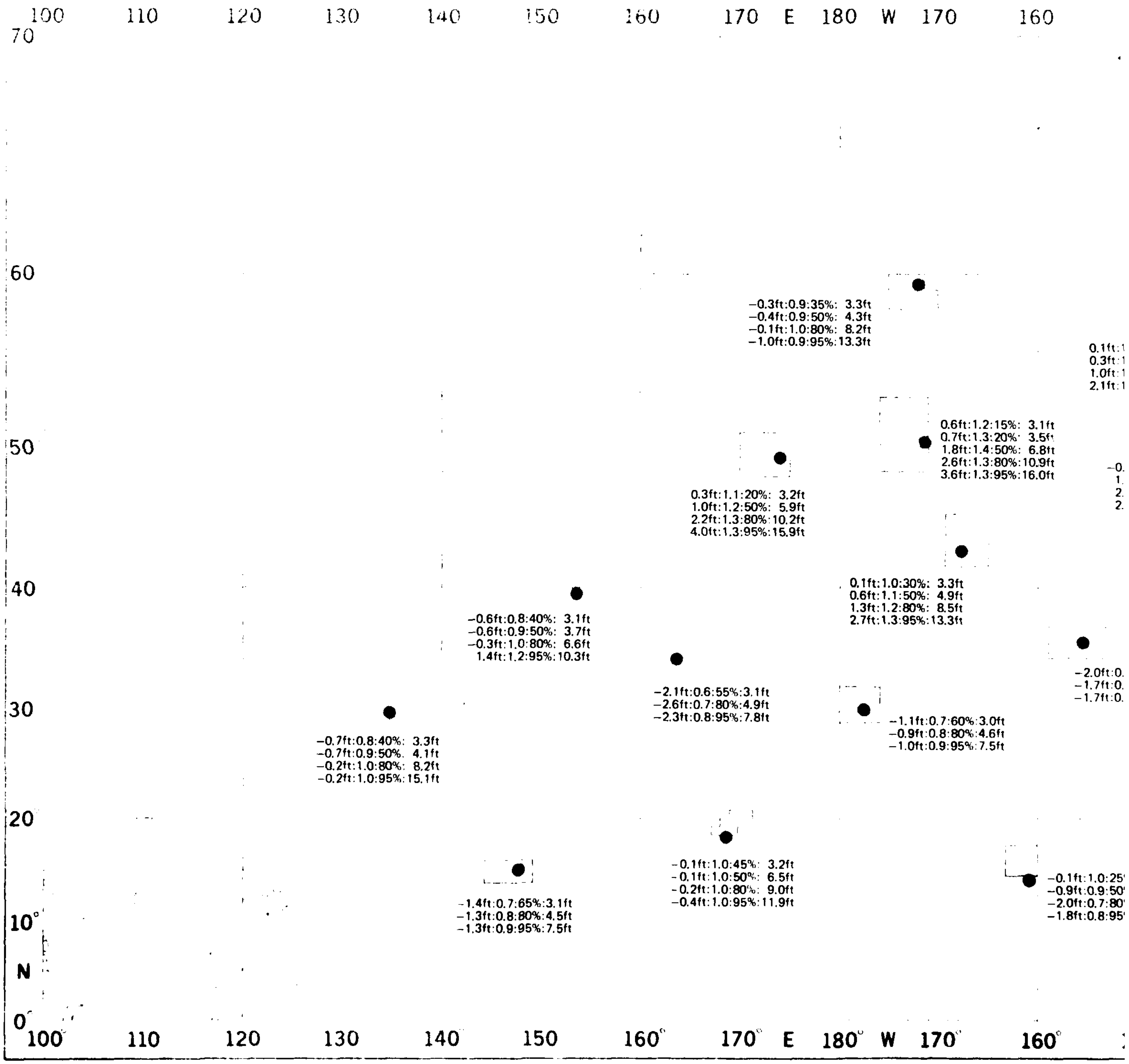
FIG. F7 DIFFERENCE (SOWM-SHIP) AND RATIOS (SOWM/SHIP) OF SOWM AND SHIP WAV
PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS



RATIOS (SOWM/SHIP) OF SOWM AND SHIP WAVE HEIGHTS FOR SELECTED SOWM
CIATED WAVE HEIGHTS

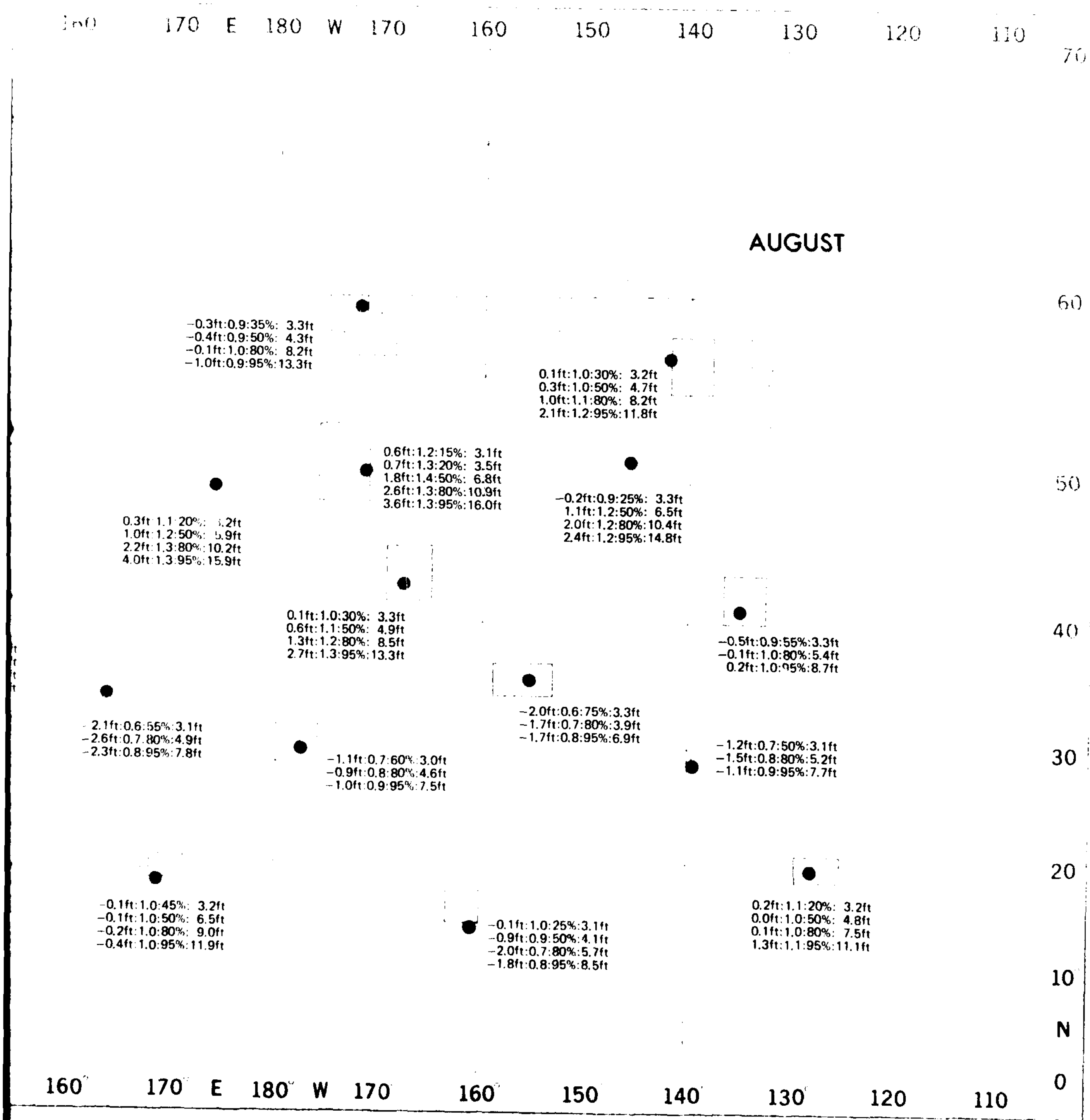


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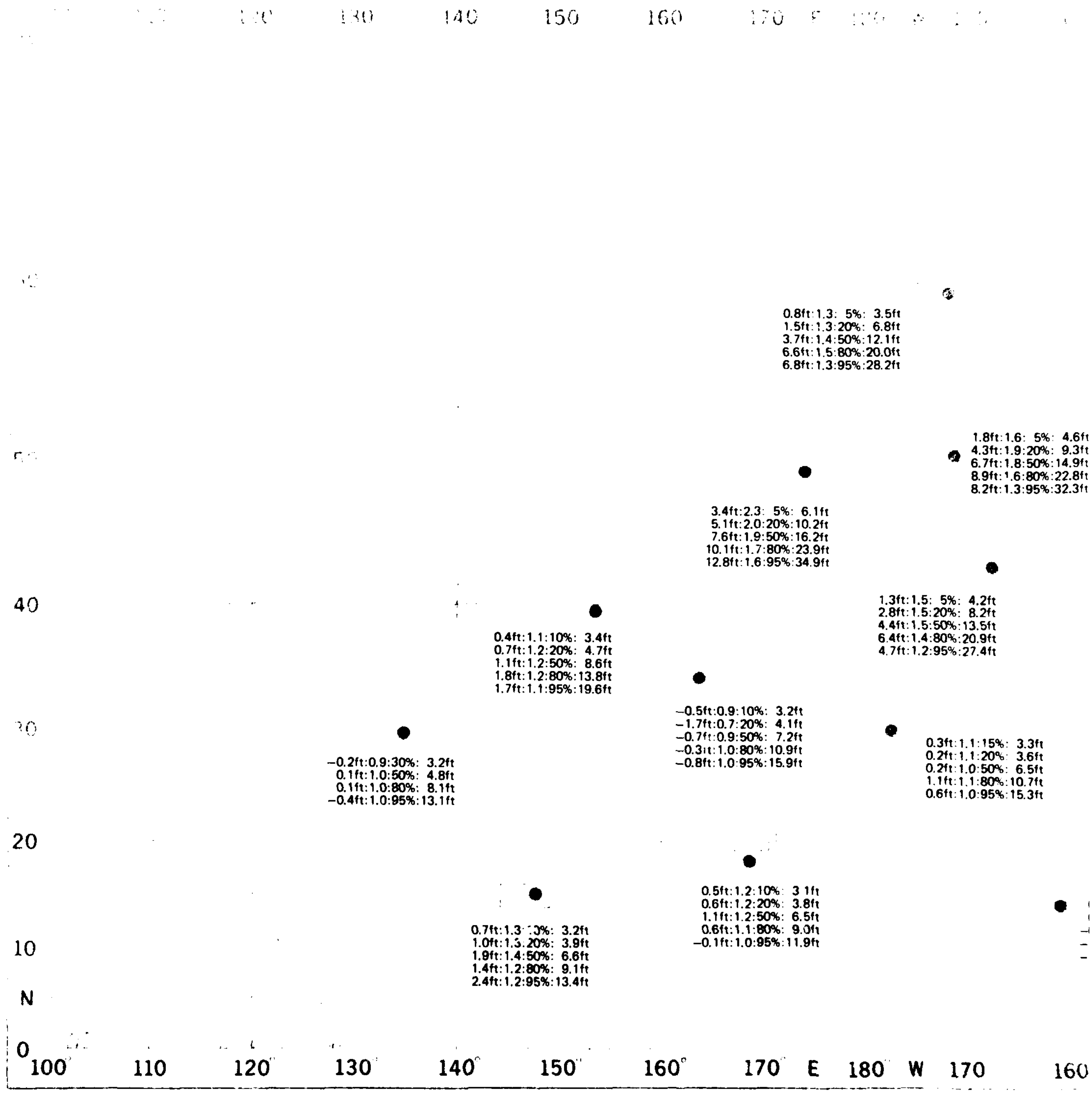
FIG. F8 DIFFERENCE (SOWM-SHIP) AND RATIOS (SOWM/SHIP) OF SOWM AND SHI
PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS



ıAND RATIOS (SOWM/SHIP) OF SOWM AND SHIP WAVE HEIGHTS FOR SELECTED SOWM
ASSOCIATED WAVE HEIGHTS

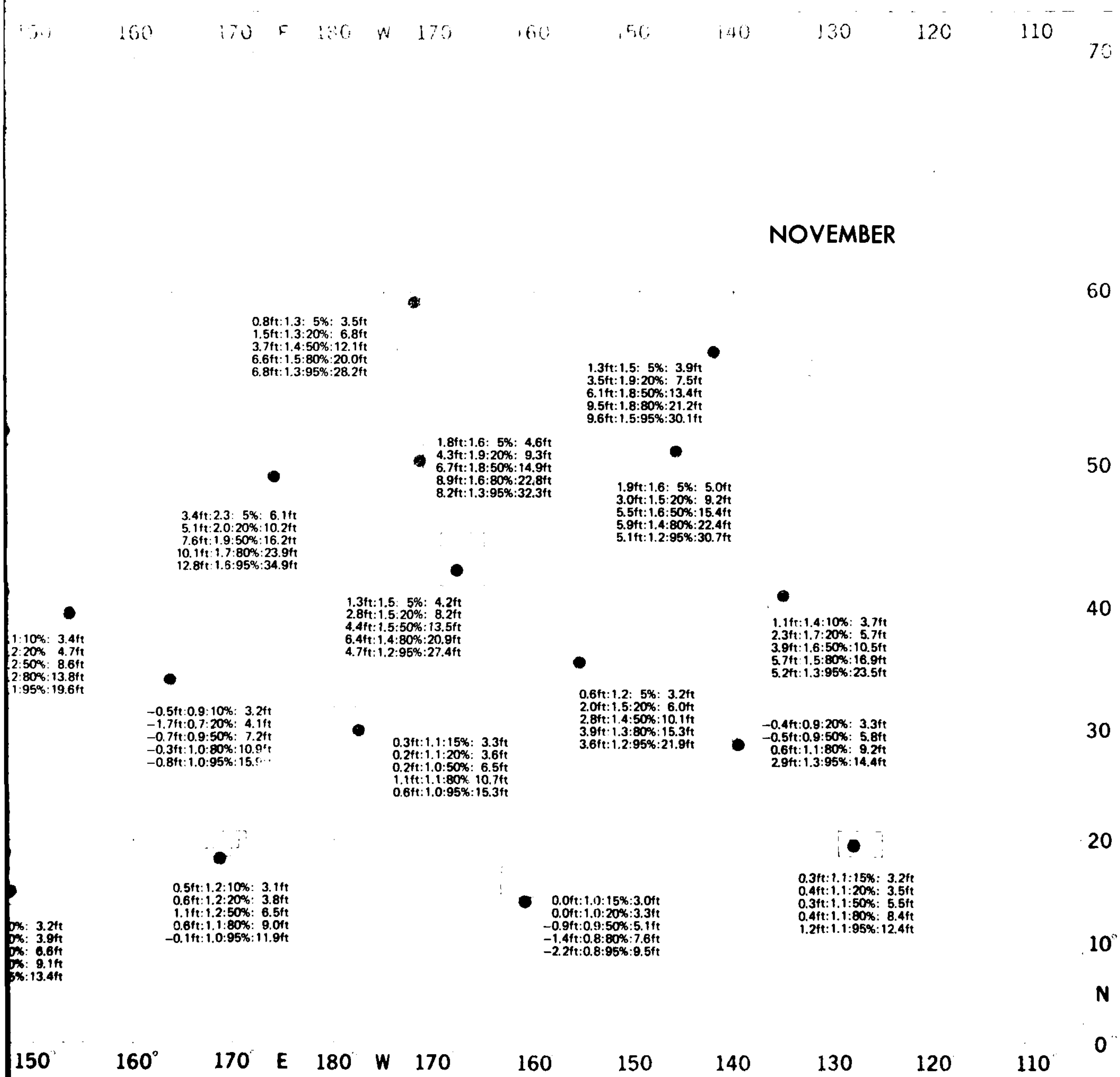


FIG. F9 DIFFERENCE (SOWM-ARMY) AND RATIOS (SOWM/ARMY) OF SOWM AND ARMY WAVE HEIGHTS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS

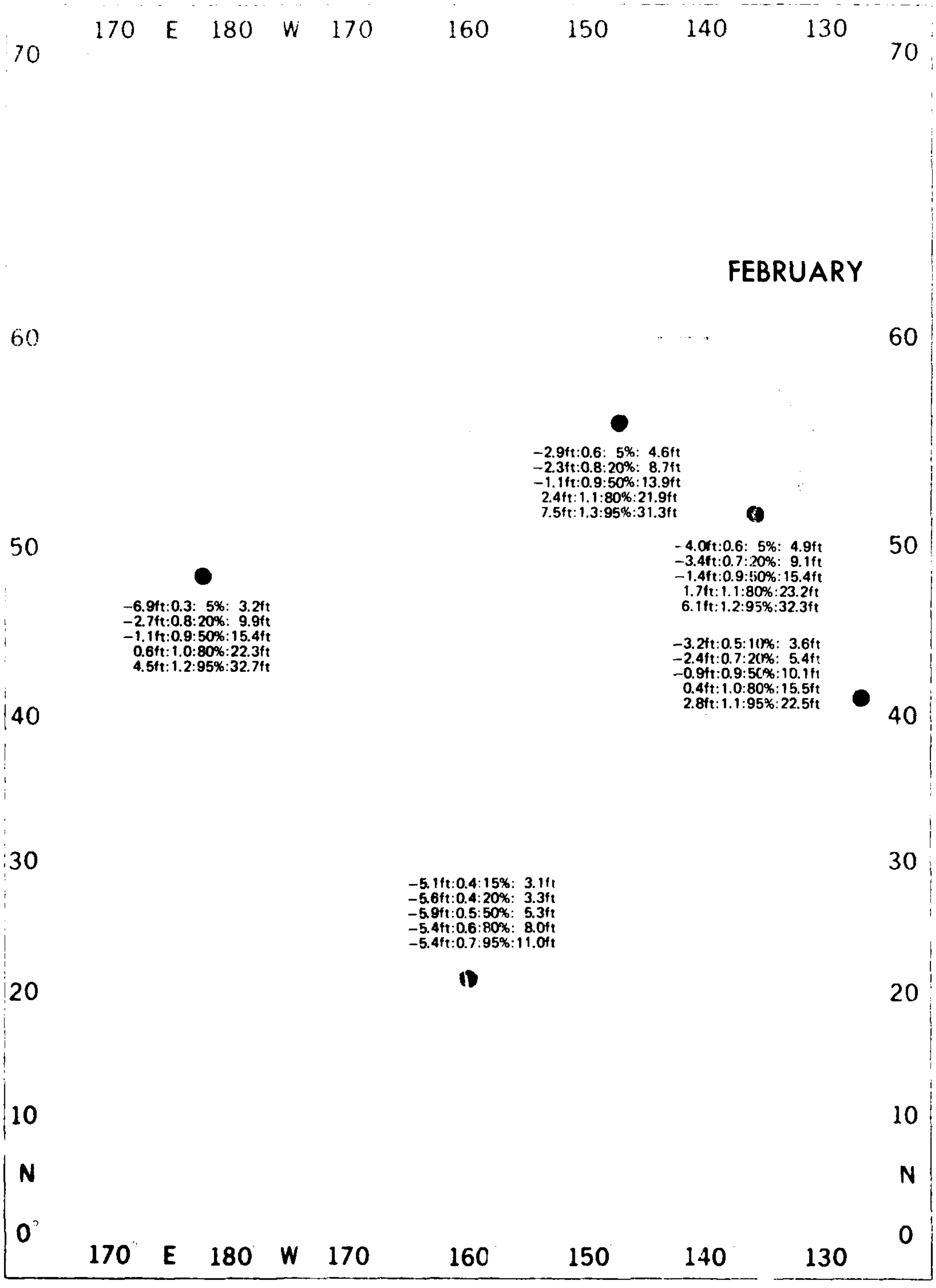
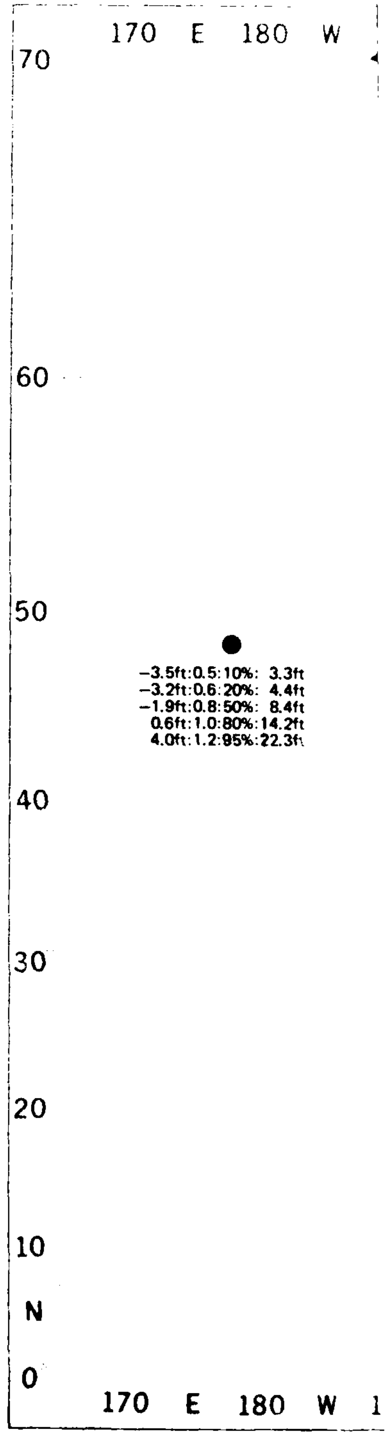


FIG. F10 DIFFERENCE (S
OF SOWM AN
SOWM PERCE
HEIGHTS



ƆS (SOWM/ARMY)
Ƨ FOR SELECTED
CIATED WAVE

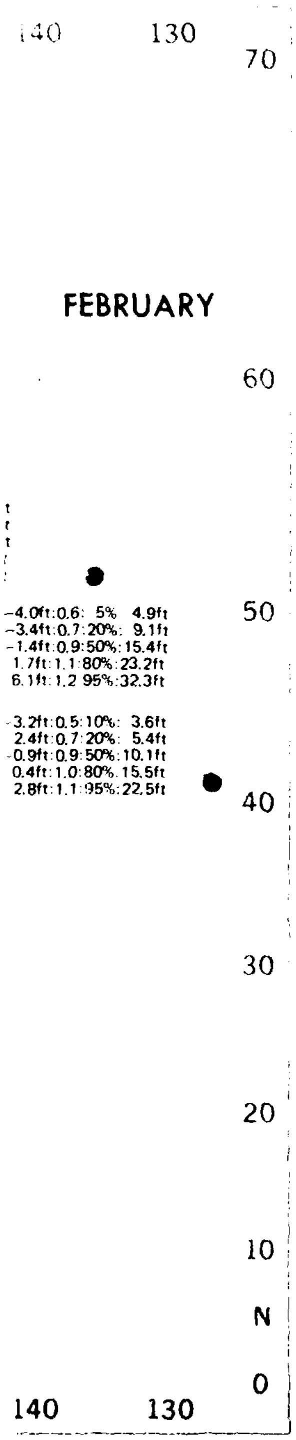


FIG. F10 DIFFERENCE (SOWM-ARMY) AND RATIOS (SOWM/ARMY) OF SOWM AND ARMY WAVE HEIGHTS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS

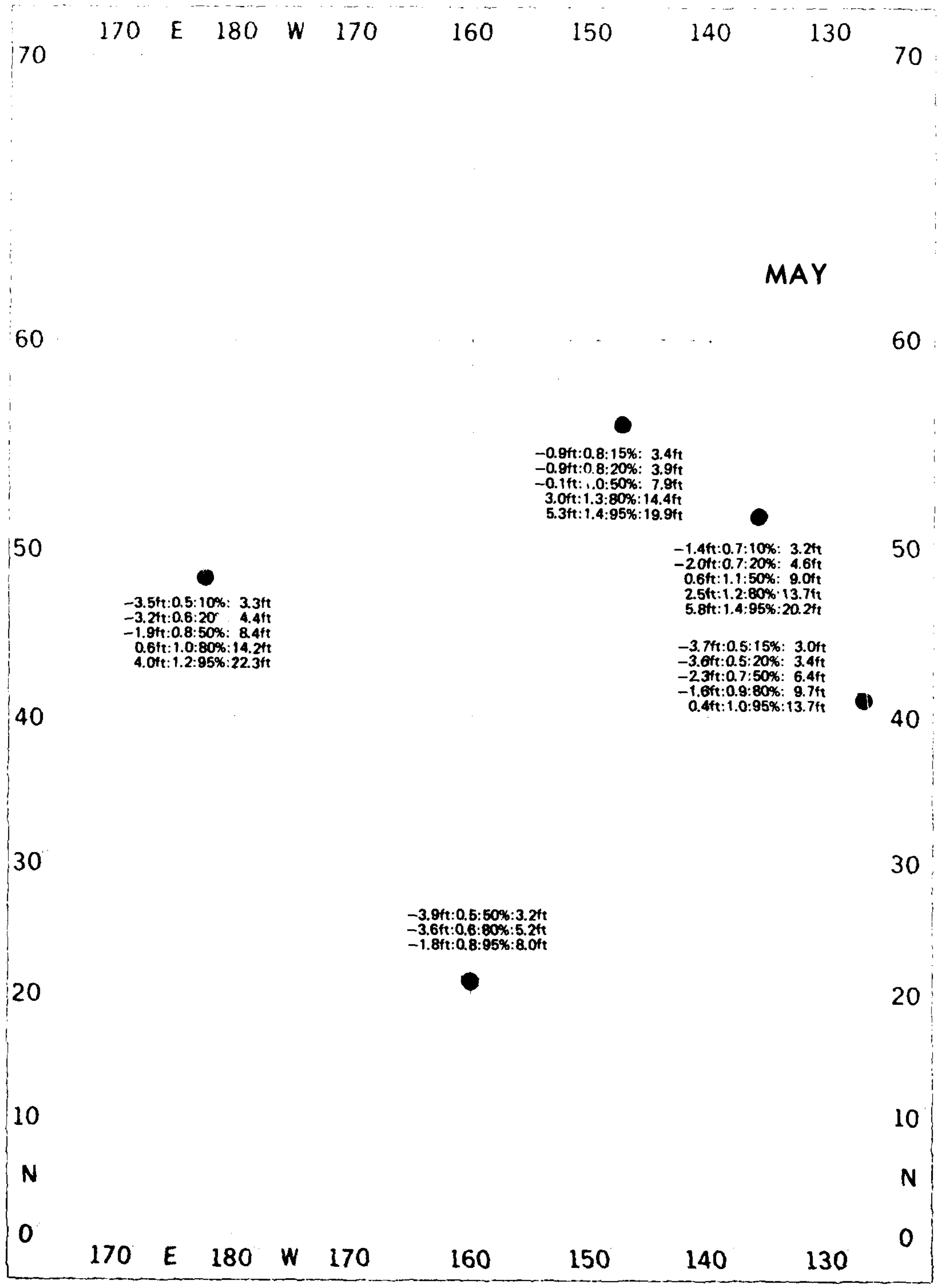


FIG. F11 DIFFERENCE (SOWM-ARMY) AND RATIOS (SOWM/ARMY) OF SOWM AND ARMY WAVE HEIGHTS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS

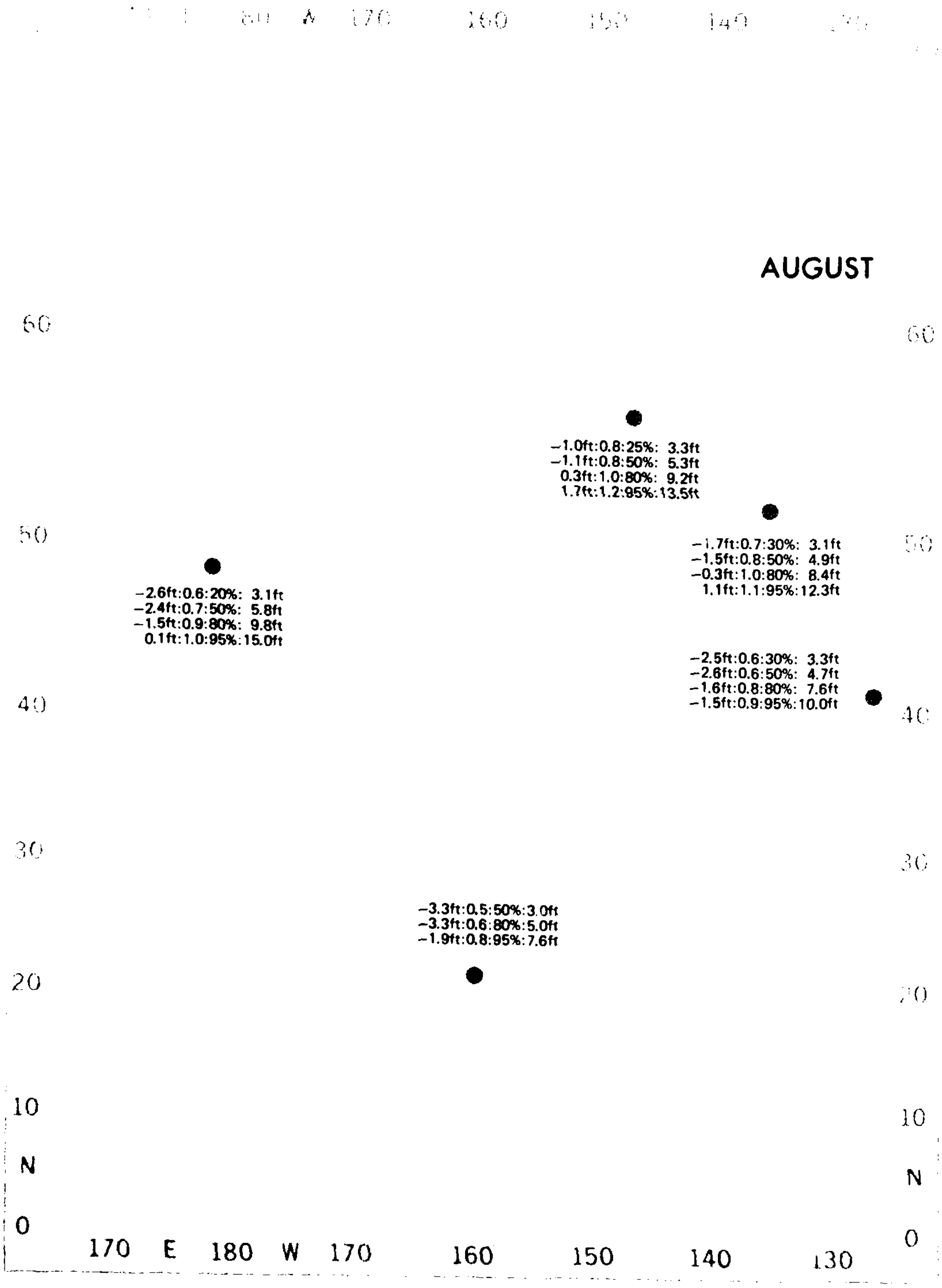
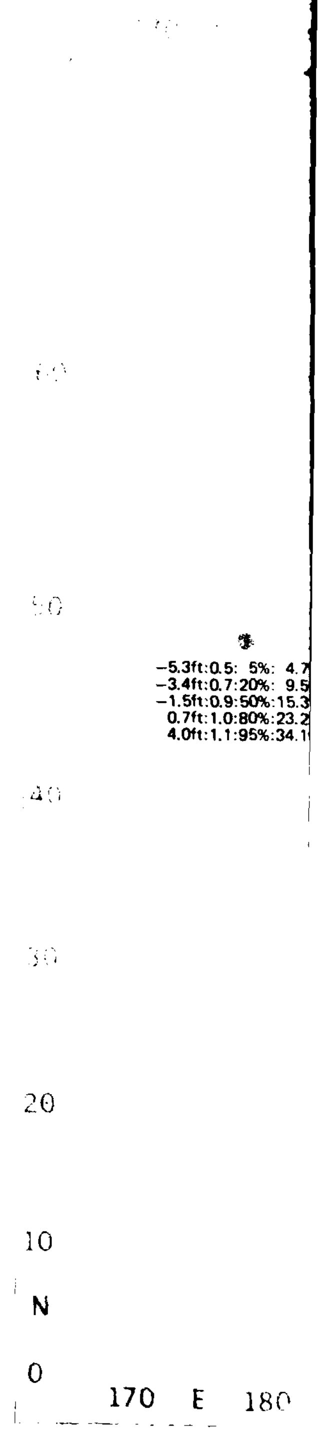


FIG. F12 DIFFERE
OF SOV
SOWM
HEIGHT



TIOS (SOWM/ARMY)
ITS FOR SELECTED
SOCIATED WAVE

FIG. F12 DIFFERENCE (SOWM-ARMY) AND RATIOS (SOWM/ARMY) OF SOWM AND ARMY WAVE HEIGHTS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS

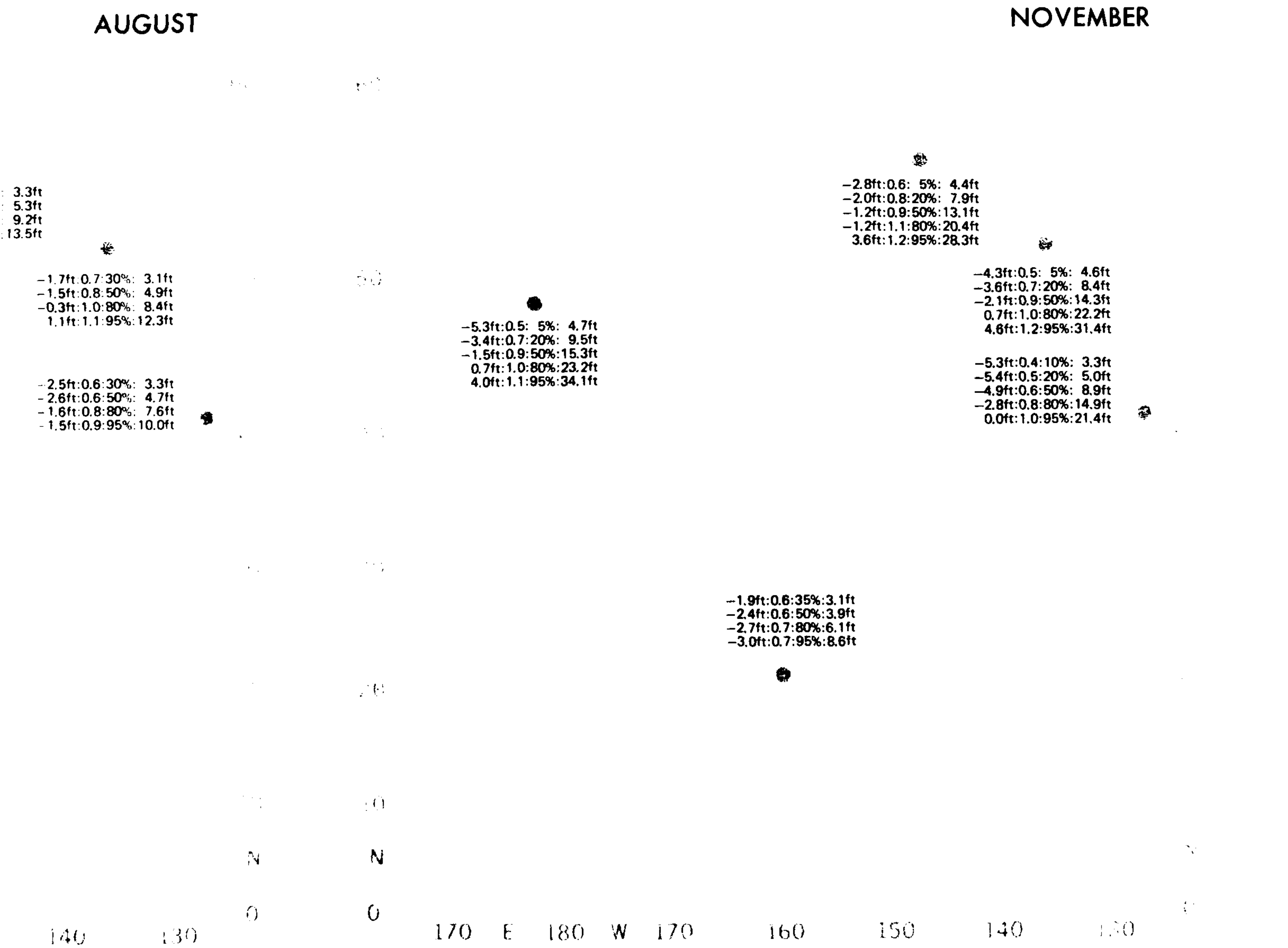


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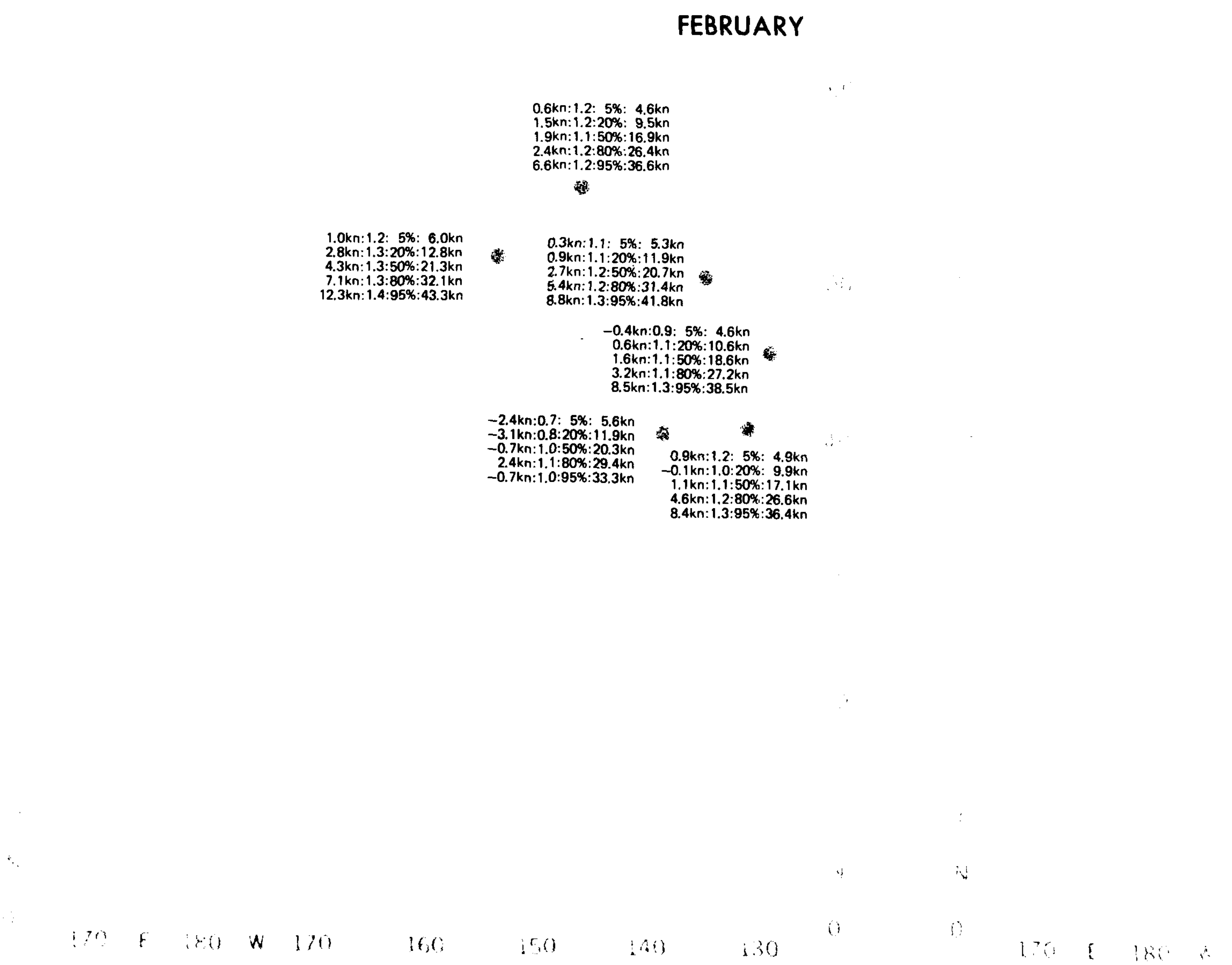
FIG. F13 DIFFERENCE (SOWM-BUOY) AND RATIOS (SOWM/BUOY) OF SOWM AND BUOY WIND SPEEDS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WIND SPEEDS

FIG. F14 DIFFERENC OF SOWM SOWM PER SPEEDS



IOS (SOWM/BUOY)
FOR SELECTED
)CIATED WIND

FIG. F14 DIFFERENCE (SOWM-BUOY) AND RATIOS (SOWM/BUOY) OF SOWM AND BUOY WIND SPEEDS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WIND SPEEDS

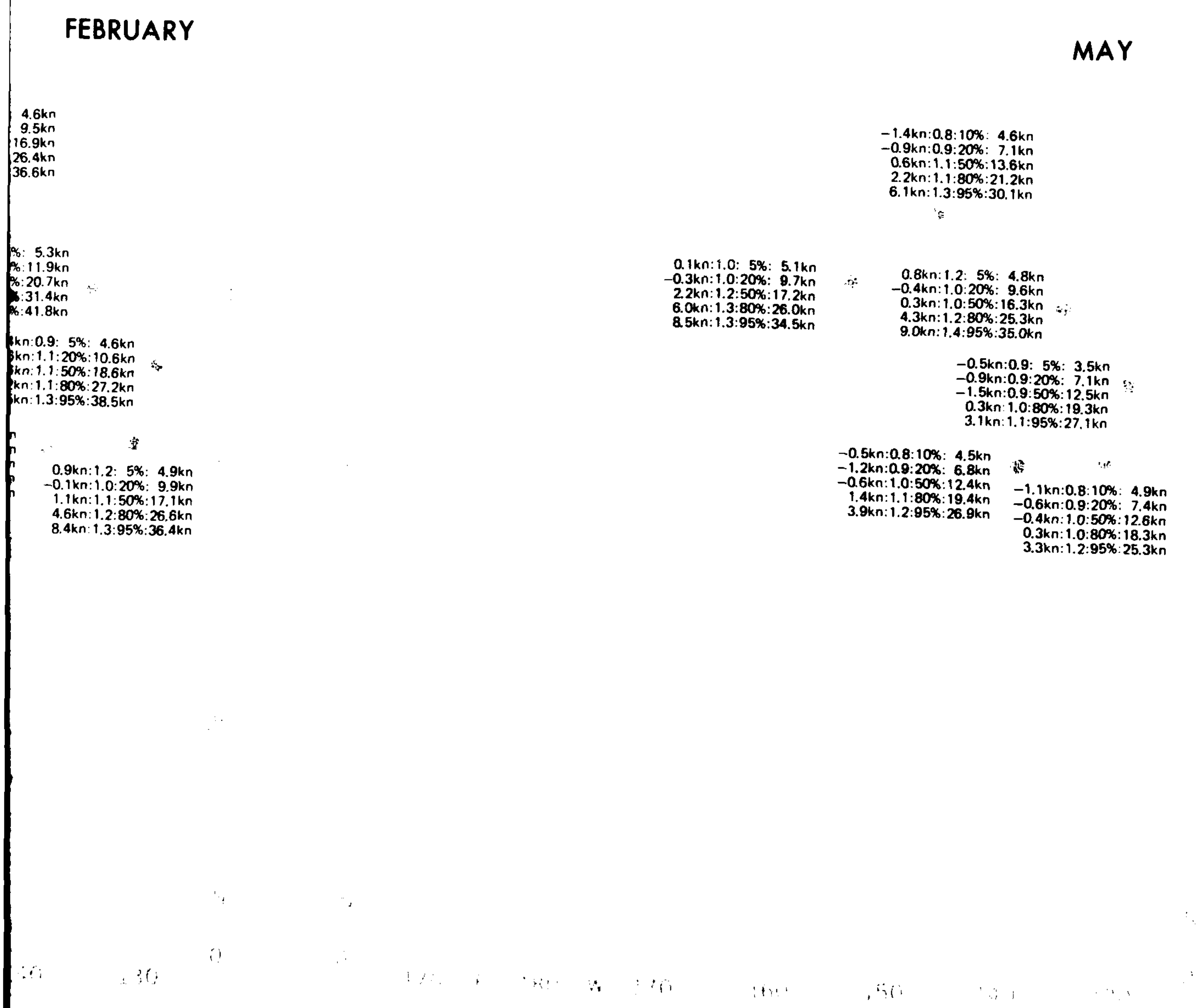


FIG. F15 DIFFERENCE (SOWM-BUOY) AND RATIOS (SOWM/BUOY) OF SOWM AND BUOY WIND SPEEDS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WIND SPEEDS

FIG. F16 DIFFERE
OF SO
SOWM
SPEEDS

AUGUST

−0.4kn:0.9:10%: 4.6kn
−0.1kn:1.0:20%: 6.9kn
−0.4kn:1.0:50%:11.6kn
0.8kn:1.1:80%:16.8kn
2.0kn:1.1:95%:23.0kn

−1.6kn:0.8:10%: 5.4kn
−0.6kn:0.9:20%: 8.4kn
0.7kn:1.1:50%:14.7kn
2.2kn:1.1:80%:21.2kn
4.5kn:1.2:95%:28.5kn

−1.6kn:0.7:10%: 4.4kn
−1.4kn:0.8:20%: 6.6kn
−1.8kn:0.9:50%:11.2kn
−0.6kn:1.0:80%:16.4kn
1.7kn:1.1:95%:23.7kn

−2.5kn:0.6:15%: 4.5kn
−2.5kn:0.7:20%: 5.5kn
−3.5kn:0.7:50%: 9.5kn
−2.4kn:0.9:80%:14.6kn
−2.4kn:0.9:95%:19.6kn

−2.0kn:0.7:15%: 4.0kn
−2.3kn:0.7:20%: 4.7kn
−3.4kn:0.7:50%: 8.6kn
−2.3kn:0.9:80%:13.7kn
−1.2kn:0.9:95%:18.8kn

−1.1kn:0.8:10%: 3.9kn
−0.6kn:0.9:20%: 6.4kn
−0.9kn:0.9:50%:11.1kn
0.1kn:1.0:80%:16.1kn
1.1kn:1.1:95%:21.1kn

ATIOS (SOWM/BUOY)
DS FOR SELECTED
SOCIATED WIND

FIG. F16 DIFFERENCE (SOWM-BUOY) AND RATIOS (SOWM/BUOY) OF SOWM AND BUOY WIND SPEEDS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WIND SPEEDS

AUGUST

9 10% 4.6kn
0 20%: 6.9kn
0 50% 11.6kn
80% 16.8kn
95% 23.0kn

0.7 10% 4.4kn
0.8 20%: 6.6kn
0.9:50%:11.2kn
.0:80%:16.4kn
.1:95%:23.7kn

-2.5kn:0.6:15%: 4.5kn
-2.5kn:0.7:20%: 5.5kn
-3.5kn:0.7:50%: 9.5kn
-2.4kn:0.9:80%:14.6kn
-2.4kn:0.9:95%:19.6kn

4.0kn
4.7kn
8.6kn
13.7kn
18.8kn

-1.1kn:0.8:10%: 3.9kn
-0.6kn:0.9:20%: 6.4kn
-0.9kn:0.9:50%:11.1kn
0.1kn:1.0:80%:16.1kn
1.1kn:1.1:95%:21.1kn

NOVEMBER

0.4kn:1.1: 5%: 4.4kn
1.0kn:1.1:20%:1[illegible]kn
1.5kn:1.1:50%:17.5kn
3.7kn:1.2:80%:26.7kn
7.7kn:1.3:95%:36.7kn

-0.9kn:0.9: 5%: 6.1kn
-0.4kn:1.0:20%:12.6kn
1.3kn:1.1:50%:21.3kn
4.5kn:1.2:80%:30.5kn
6.5kn:1.2:95%:39.5kn

1.7kn:1.3: 5%: 6.7kn
1.7kn:1.2:20%:12.7kn
1.9kn:1.1:50%:20.9kn
5.3kn:1.2:80%:30.3kn
6.2kn:1.2:95%:40.2kn

0.7kn:1.2: 5%: 4.7kn
-0.1kn:1.0:20%: 9.9kn
-1.1kn:0.9:50%:16.9kn
1.4kn:1.1:80%:26.4kn
6.9kn:1.2:95%:37.9kn

-2.3kn:0.7: 5%: 4.7kn
-4.0kn:0.7:20%:10.0kn
-2.1kn:0.9:50%:17.9kn
-0.7kn:1.0:80%:26.3kn
3.4kn:1.1:95%:36.4kn

-0.7kn:0.9: 5%: 4.3kn
-0.9kn:0.9:20%: 9.1kn
-0.1kn:1.0:50%:16.9kn
3.4kn:1.2:80%:25.4kn
6.3kn:1.2:95%:34.3kn

2

FIG. F17 DIFFERENCE (SOWM-BUOY) AND RATIOS (SOWM/BUOY) OF SOWM AND BUOY WAVE HEIGHTS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS

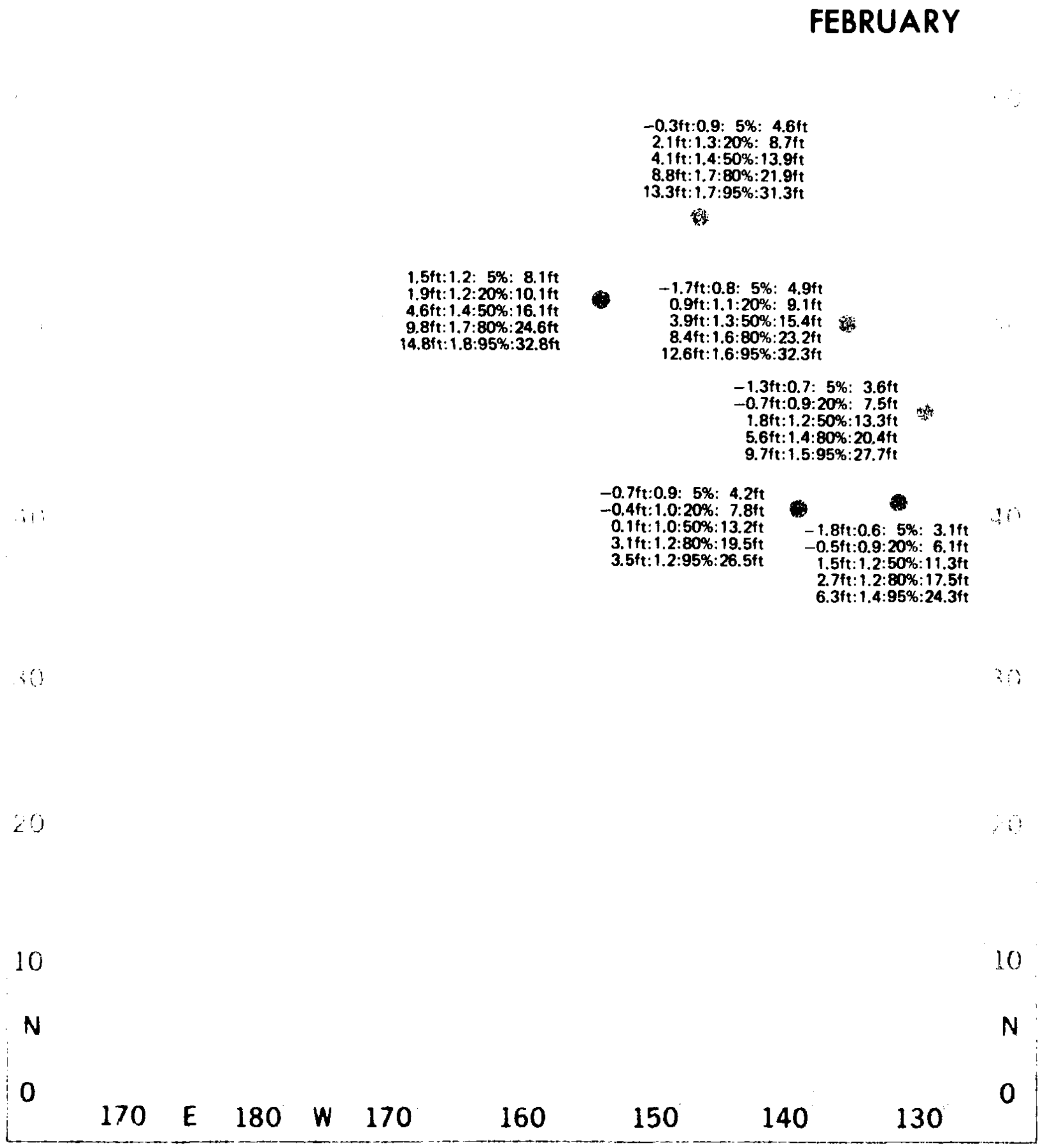


FIG. F18 DIFFERENCI
OF SOWM
SOWM PER
HEIGHTS

(SOWM/BUOY)
DR SELECTED
ATED WAVE

FIG. F18 DIFFERENCE (SOWM-BUOY) AND RATIOS (SOWM/BUOY) OF SOWM AND BUOY WAVE HEIGHTS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS

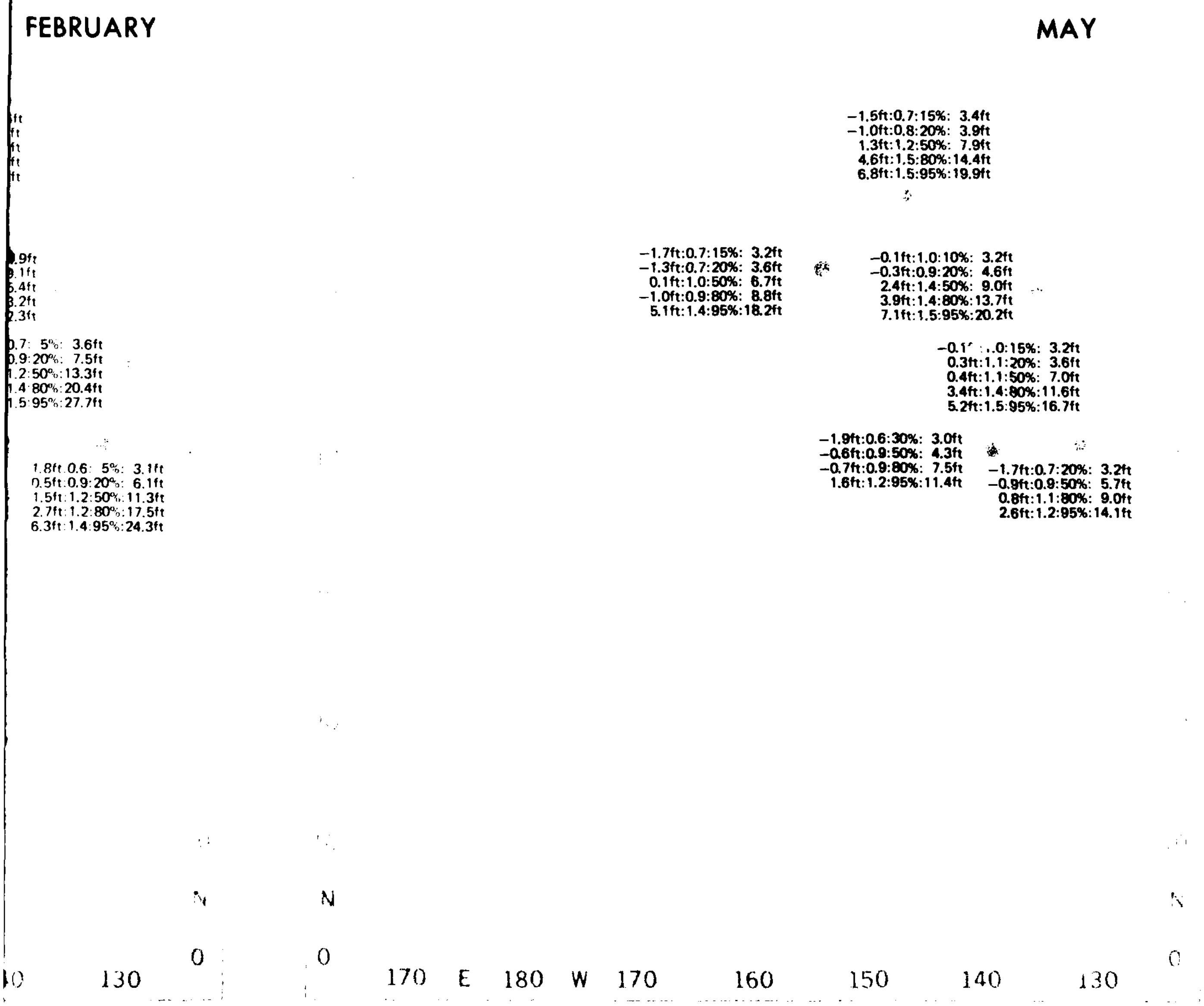


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FIG. F19 DIFFERENCE (SOWM-BUOY) AND RATIOS (SOWM/BUOY) OF SOWM AND BUOY WAVE HEIGHTS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS

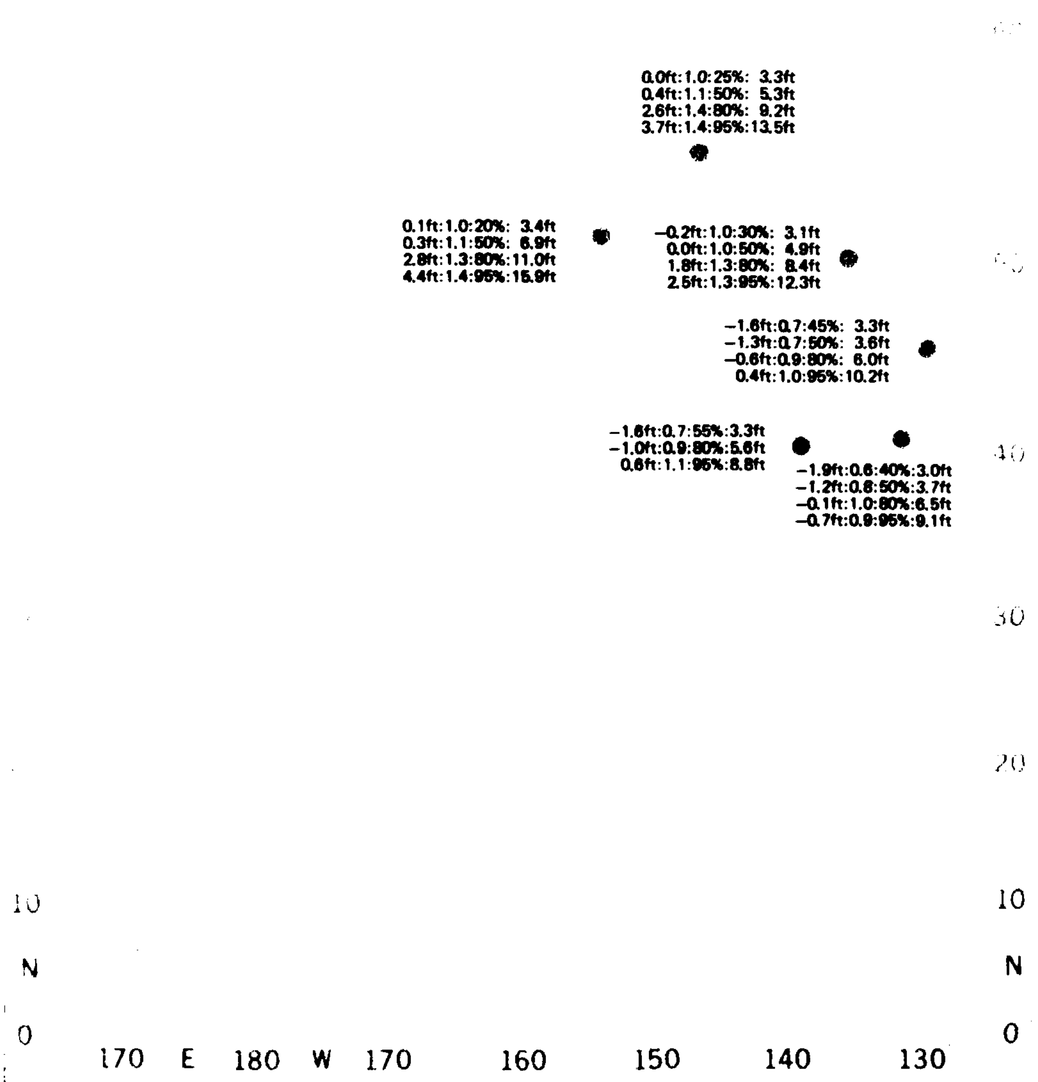
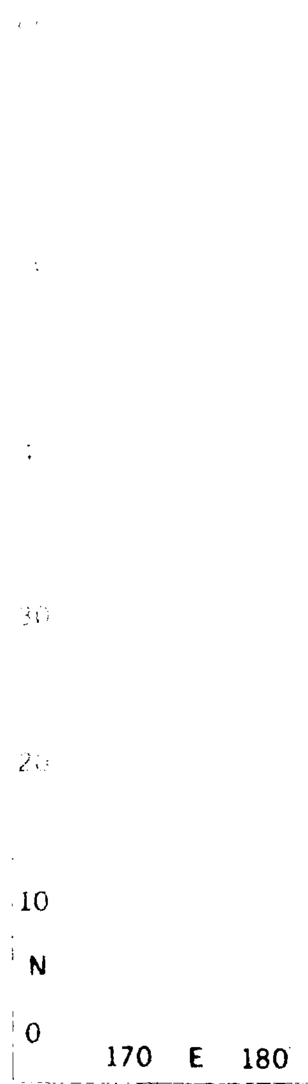
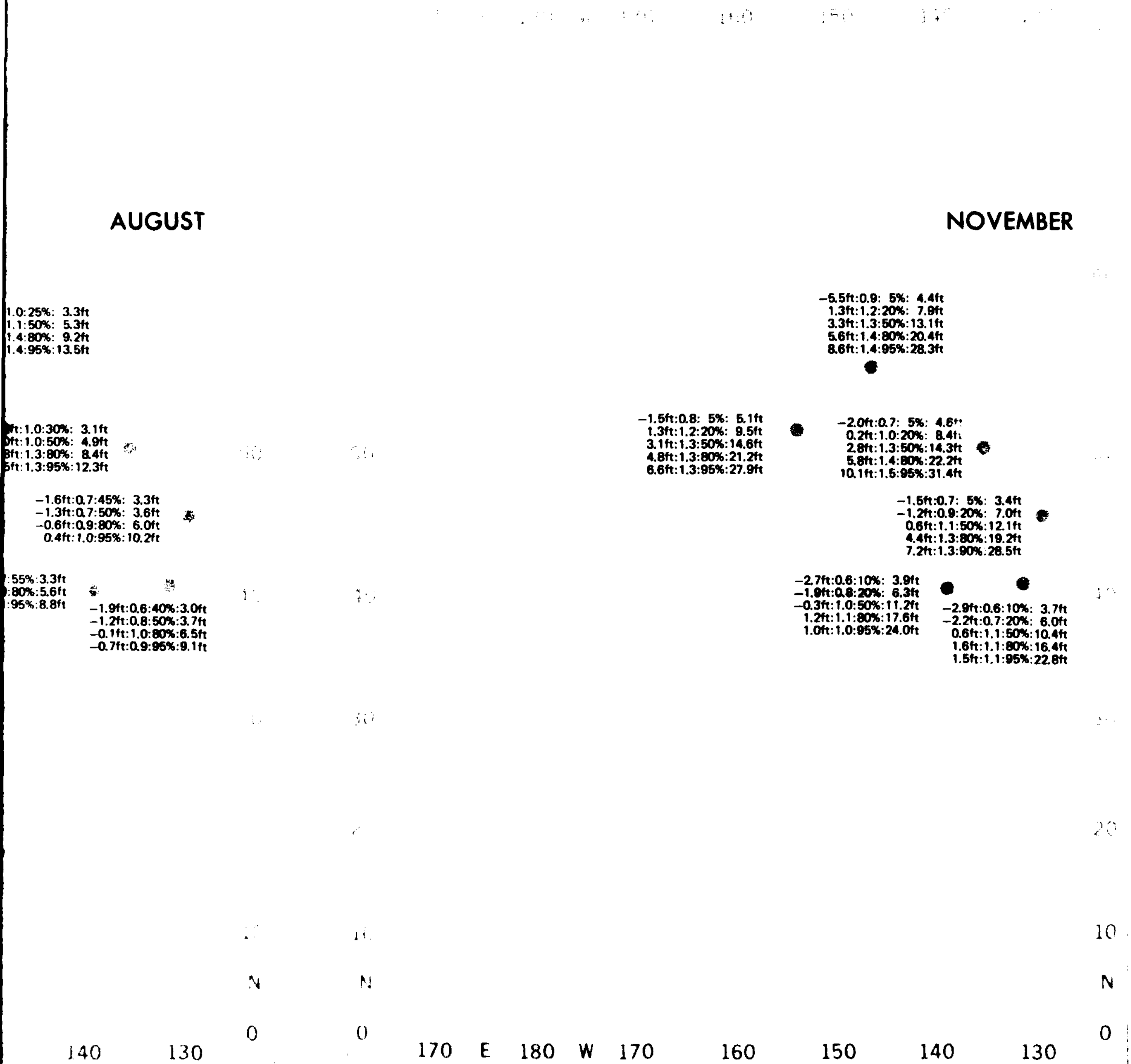


FIG. F20 DIFFERENC
OF SOWM
SOWM PE
HEIGHTS



ATIOS (SOWM/BUOY)
GHTS FOR SELECTED
SSOCIATED WAVE

FIG. F20 DIFFERENCE (SOWM-BUOY) AND RATIOS (SOWM/BUOY) OF SOWM AND BUOY WAVE HEIGHTS FOR SELECTED SOWM PERCENTILES AND THEIR ASSOCIATED WAVE HEIGHTS



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noff, S. M., 1981: Fleet Numerical eanography Center, Monterey, California. rsonal communication.

noff, S. M., N. M. Stevenson, 1975: An aluation of a Hemispheric Operational Wave ectral Model. Fleet Numerical Weather nter, Monterey, California.

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